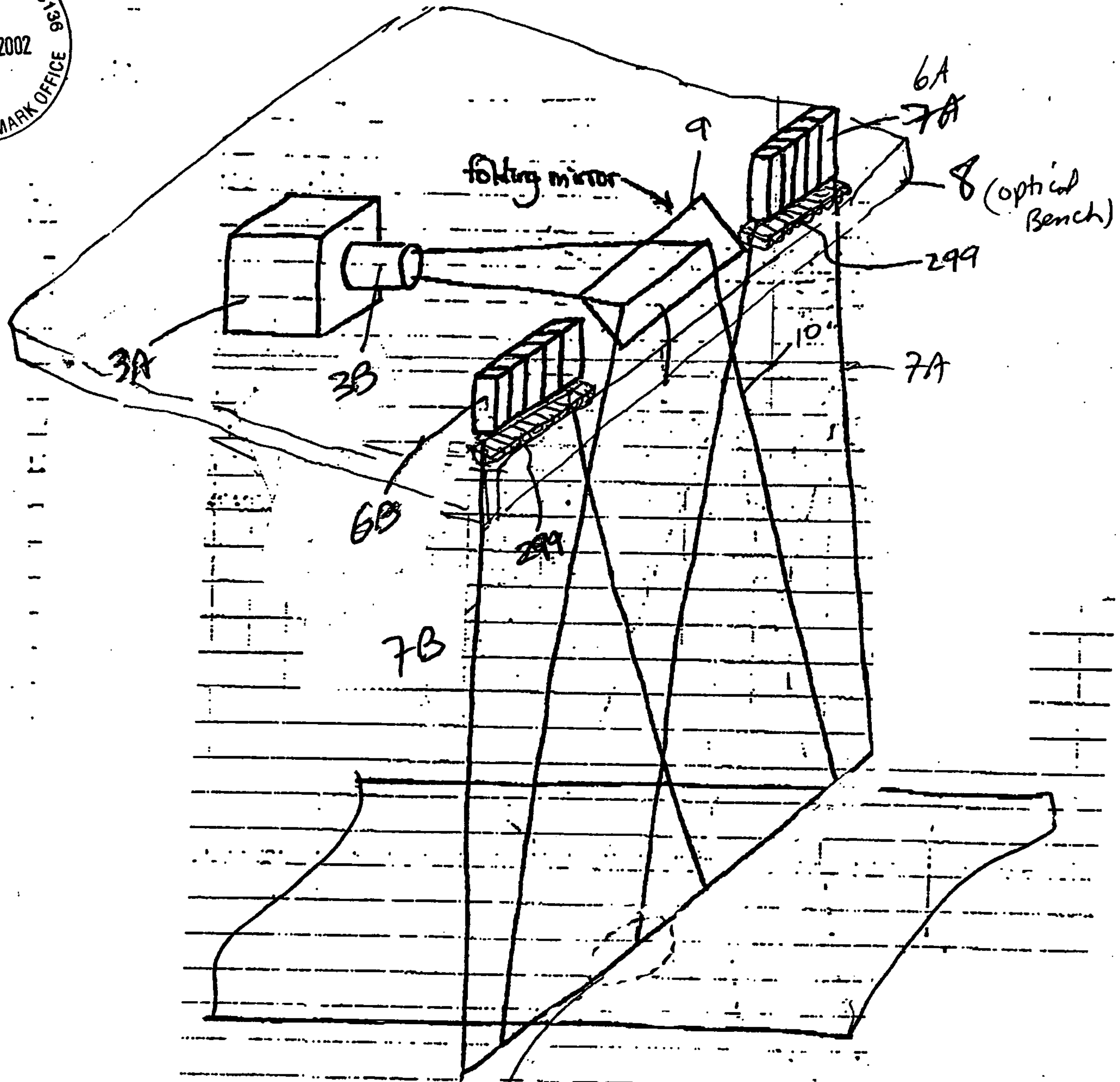

FIG. 1B1

1A

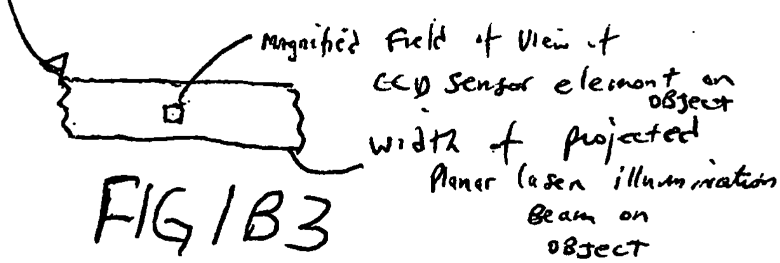

FIG 1B3

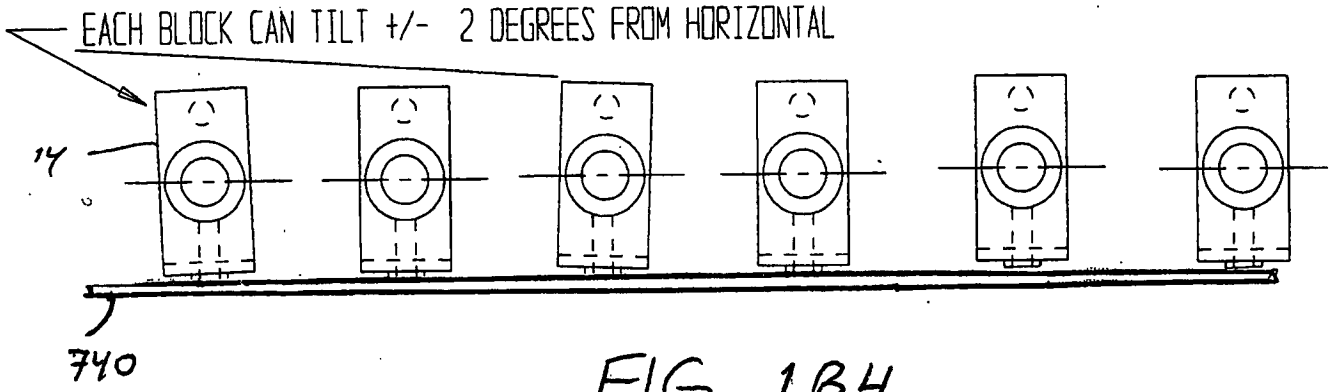

FIG. 1B4

VLD BLOCK CAN PITCH ~~FOWARD~~ FORWARD FOR ALIGNMENT WITH OTHER VLD BEAMS

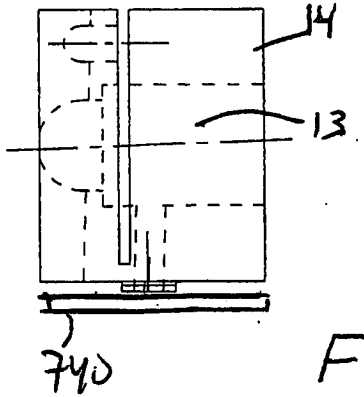

FIG. 1B5

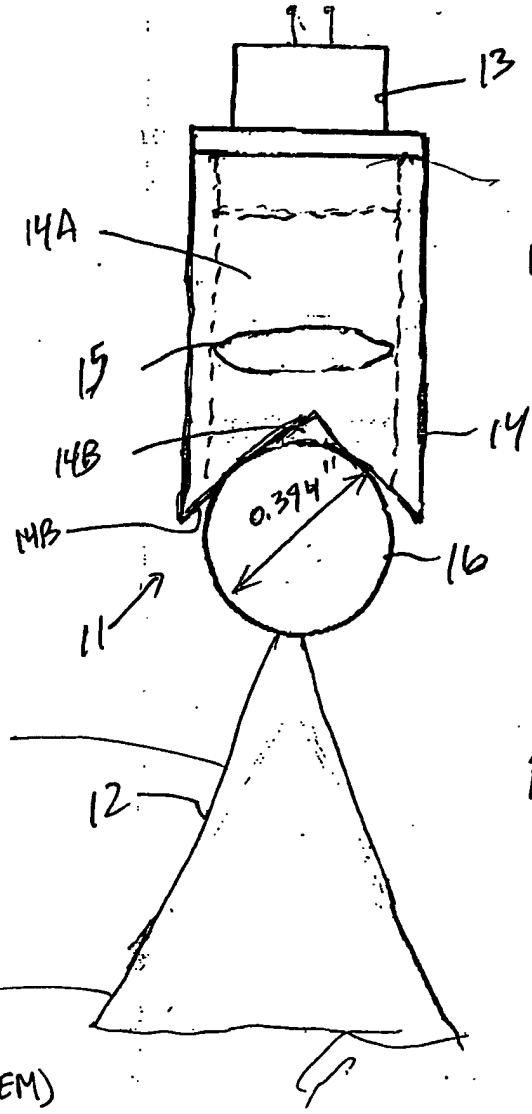

FIG. 16/5A

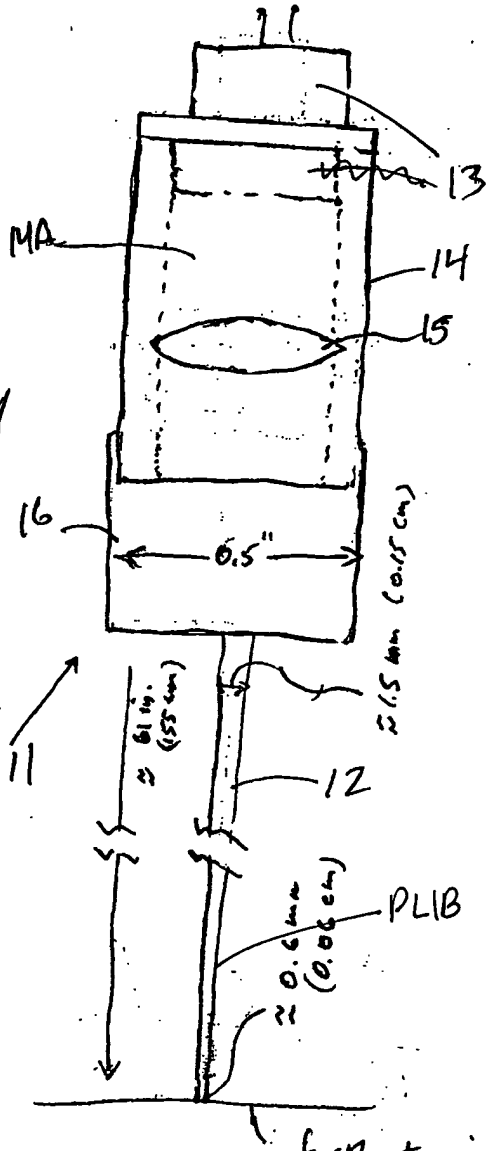

FIG. 16/5B

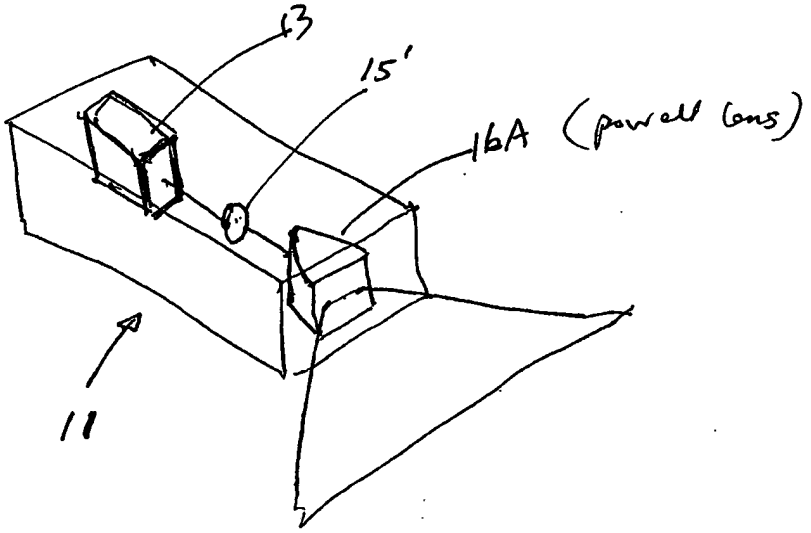

FIG. 1G.16A

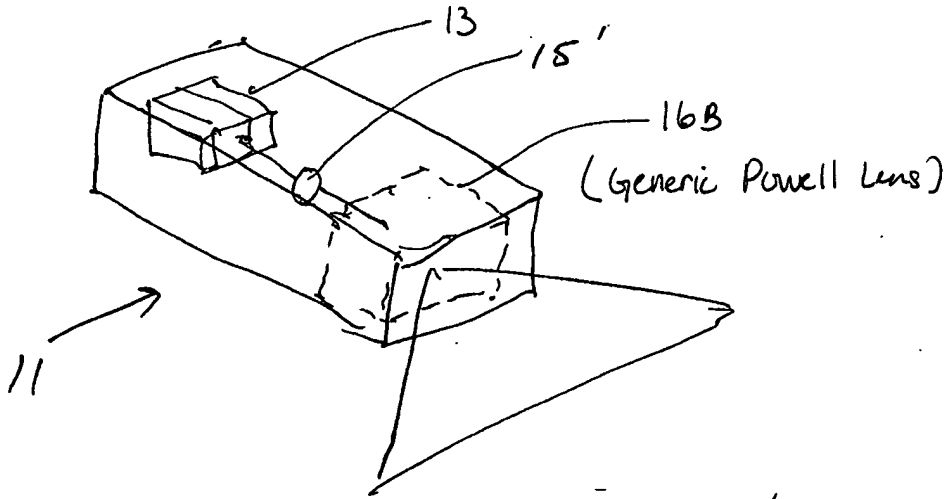

FIG. 1G16B

· PLIM w/ powell lens

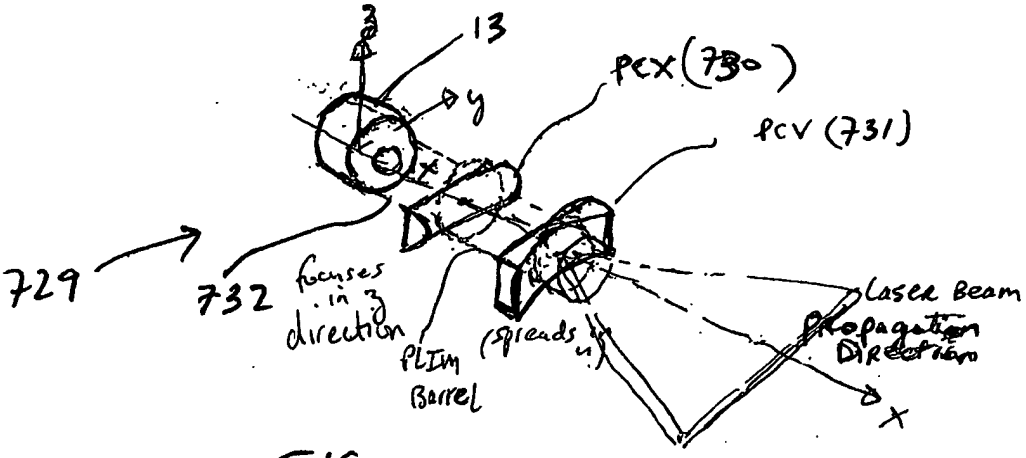

FIG. 16.17A

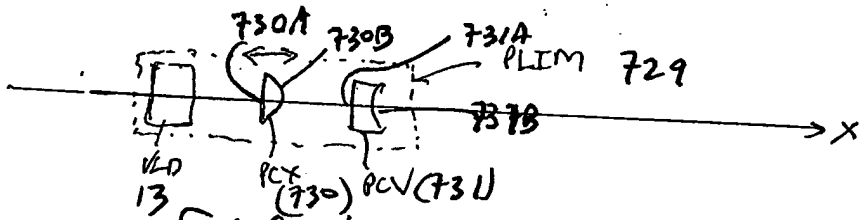

FIG. 16.17B

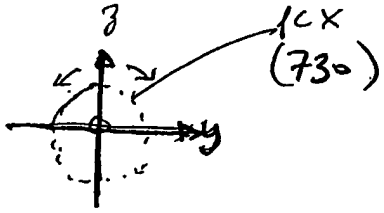

FIG. 16.17C

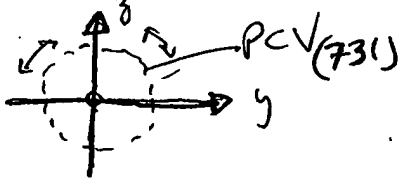

FIG. 16.17D

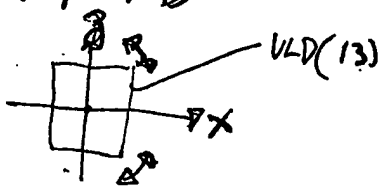

FIG. 16.17E

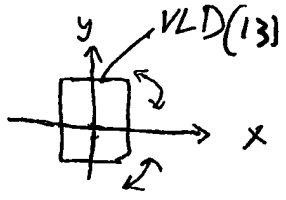

FIG. 16.17F

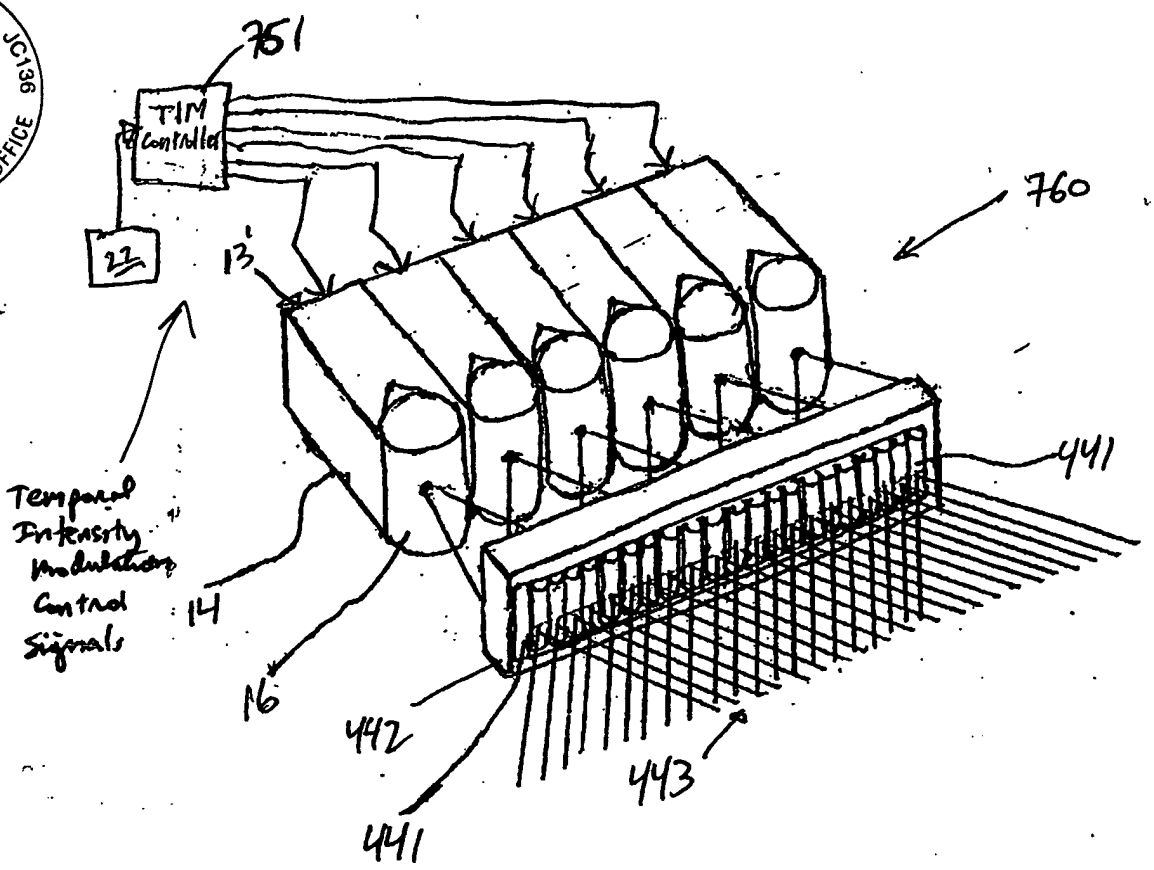

FIG. 11 5C

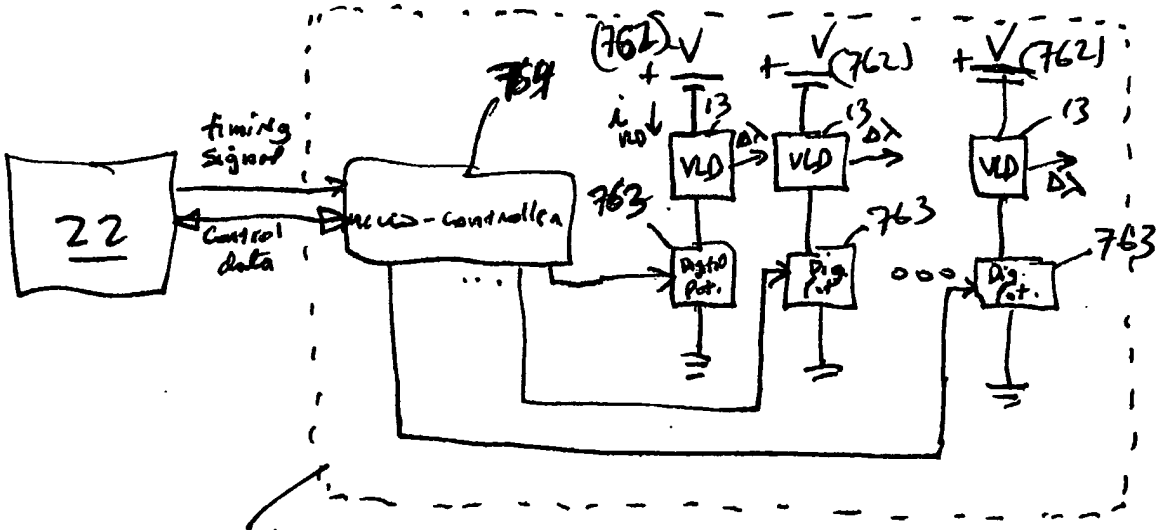

FIG. 11 5D

Fourth Generalized Method of Reducing Speckle-Noise Patterns at Image Detection Array of the IFD Subsystem (3)

(TFMP)

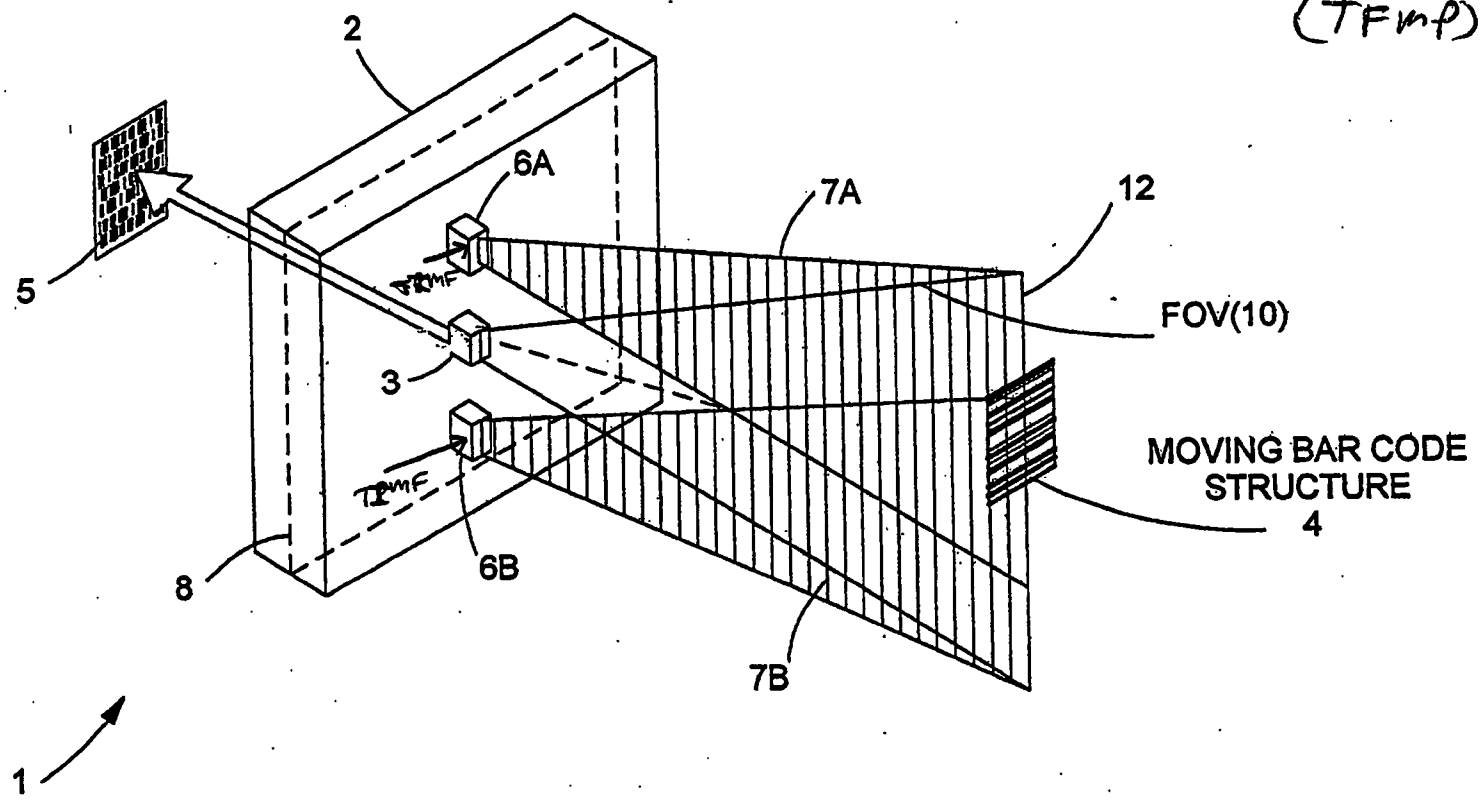

FIG. 18A 118

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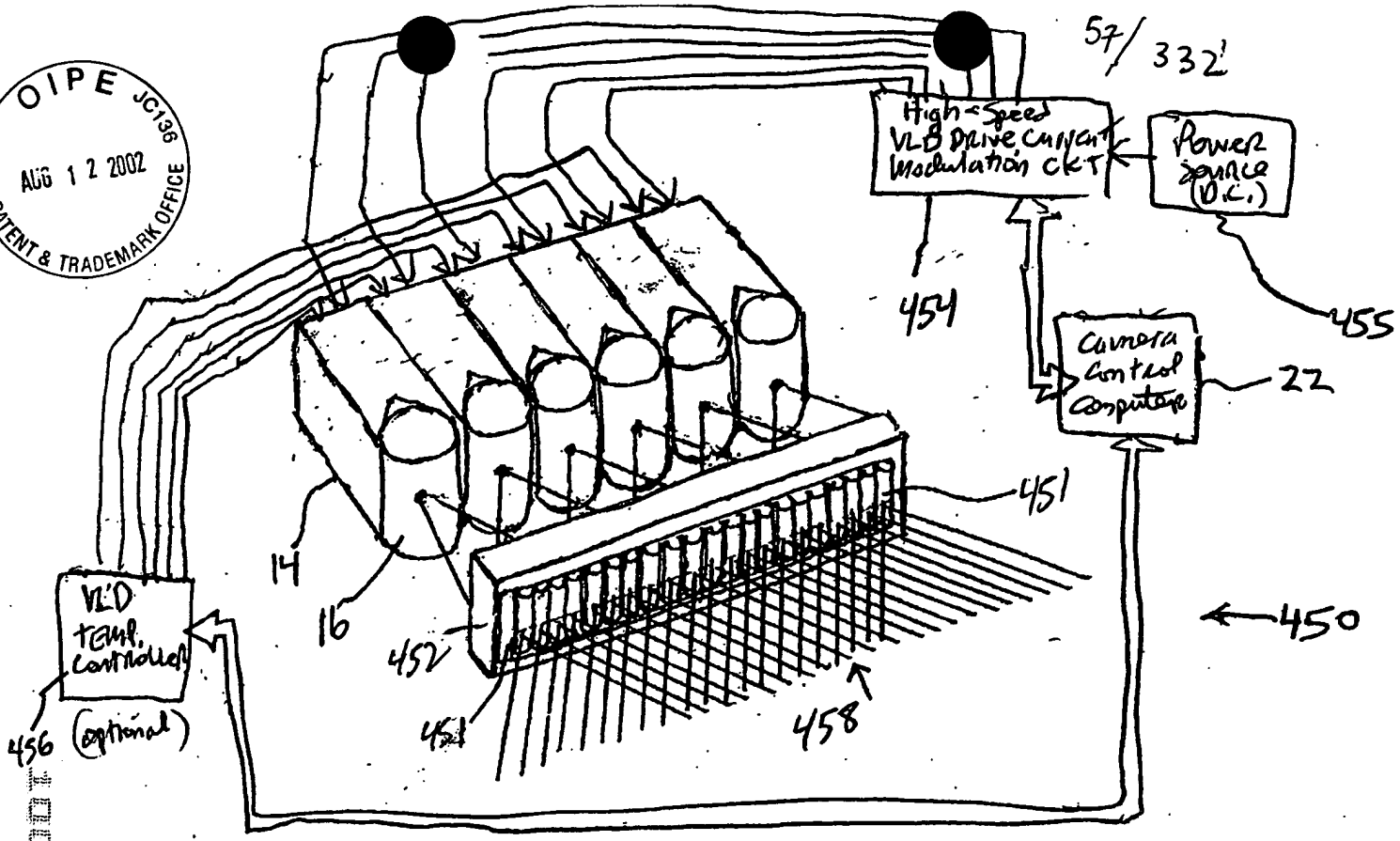


FIG. 11 19A

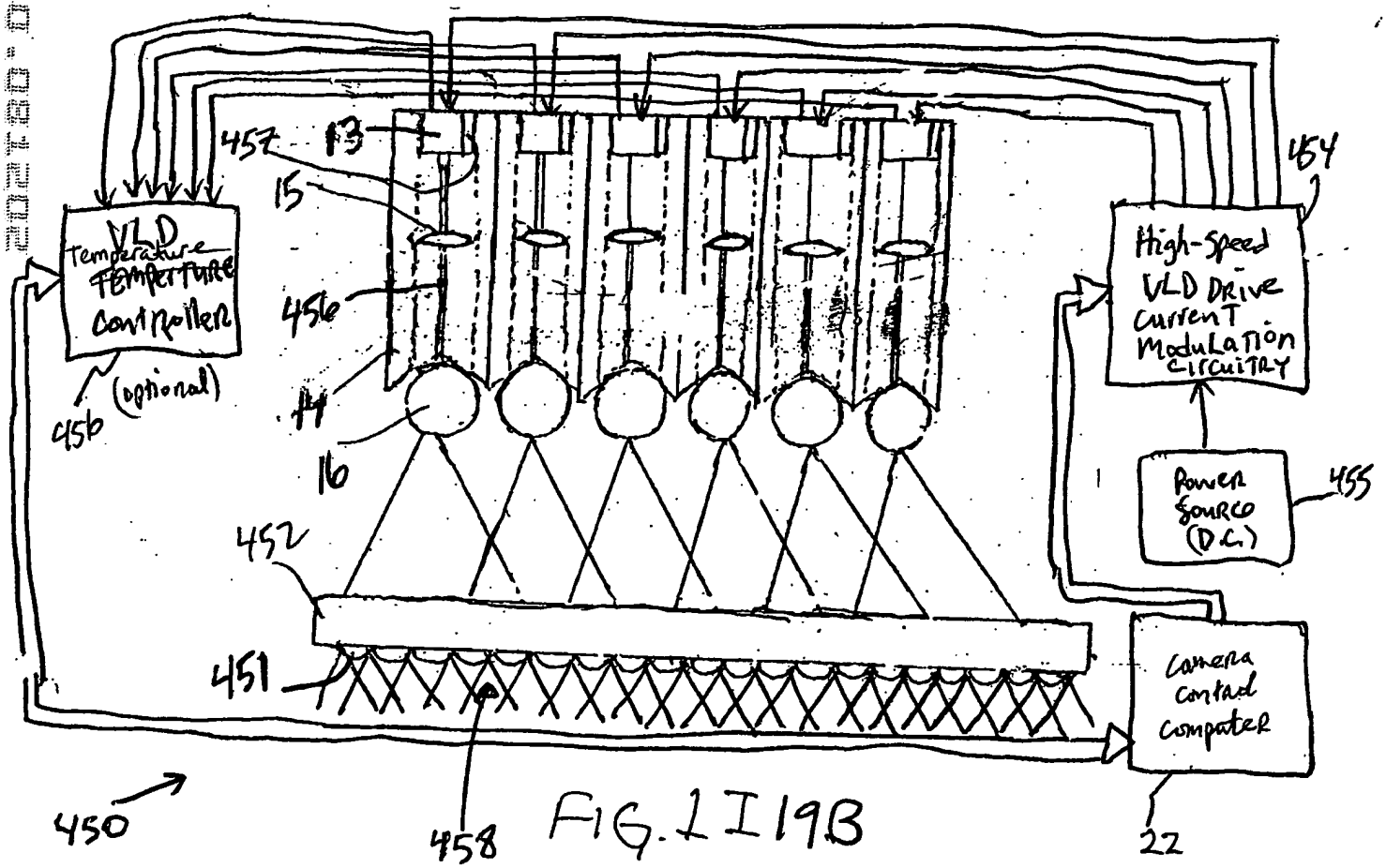
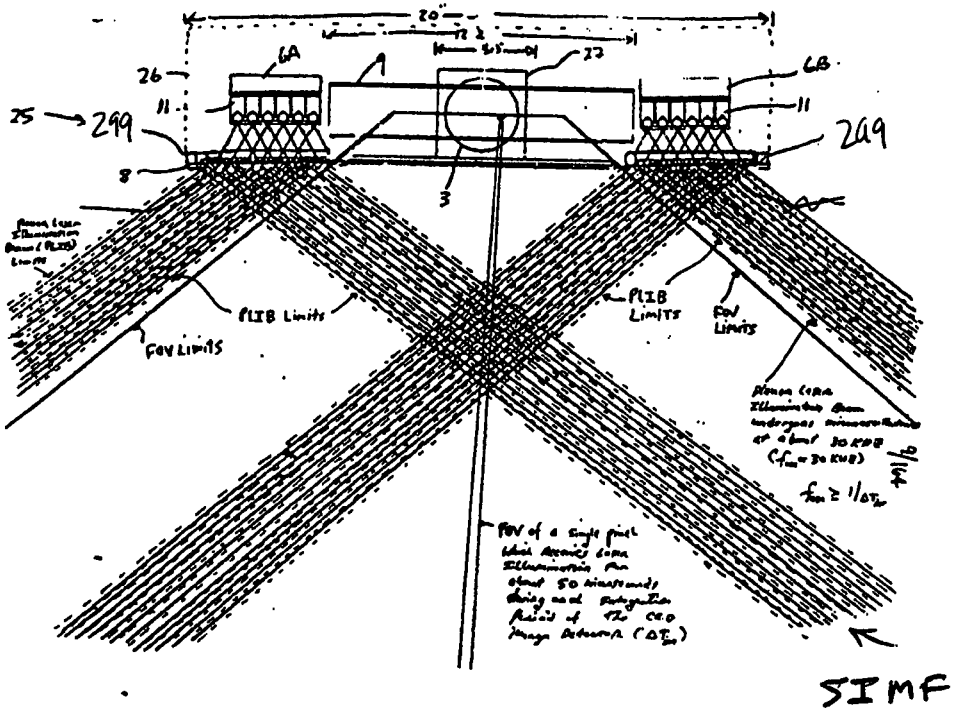


FIG. 11 19B



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Pairs to object Illumination

FIG. 1I 20A

Sixth Generalized Method of Reducing Speckle-Noise Patterns at Image Detection Array of the IFD Subsystem

(SIMF)

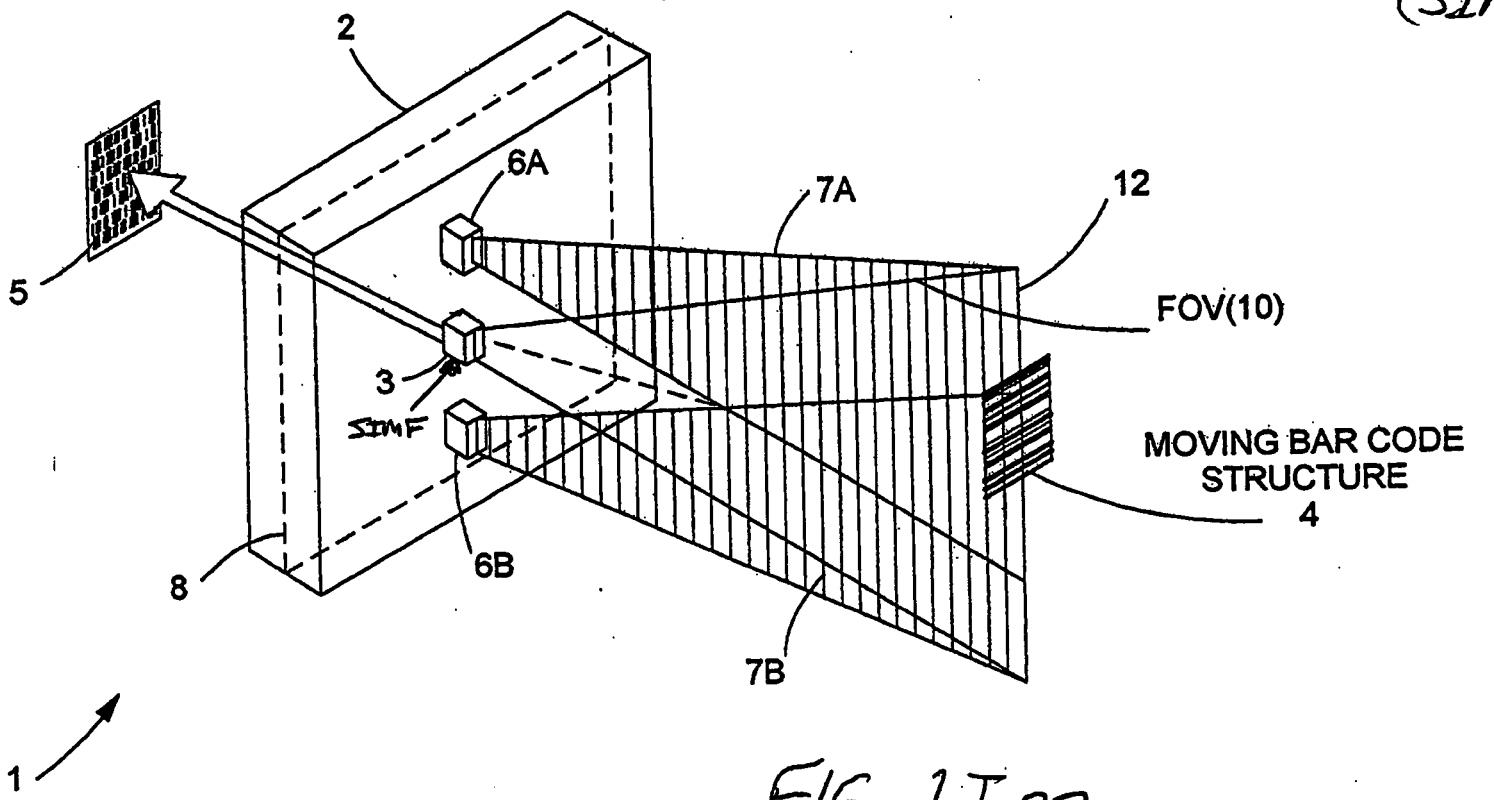

FIG. 11 22

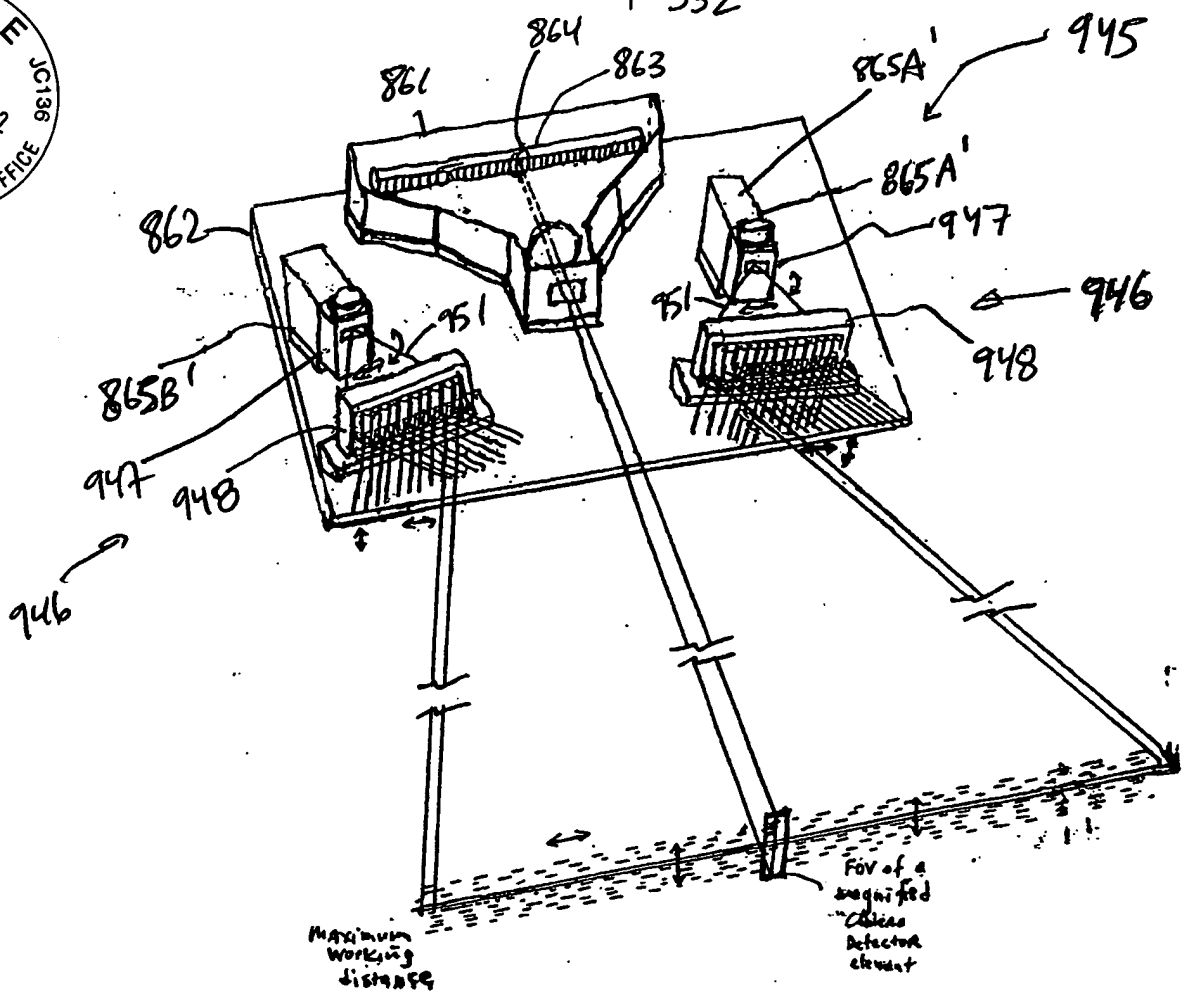

FIG. 1I25I1

Lateral and Transverse Microoscillation of PLIB

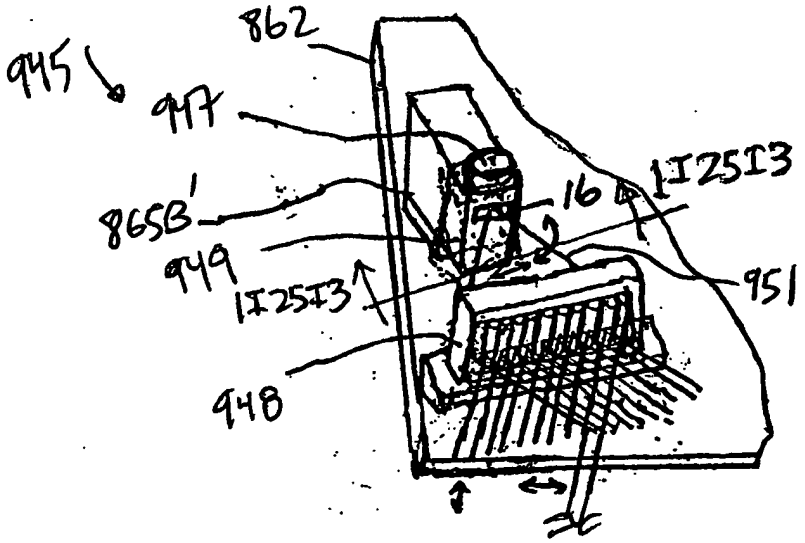

FIG. 1I25I2

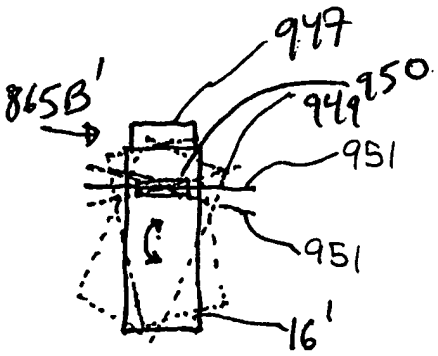

FIG. 1I25I3

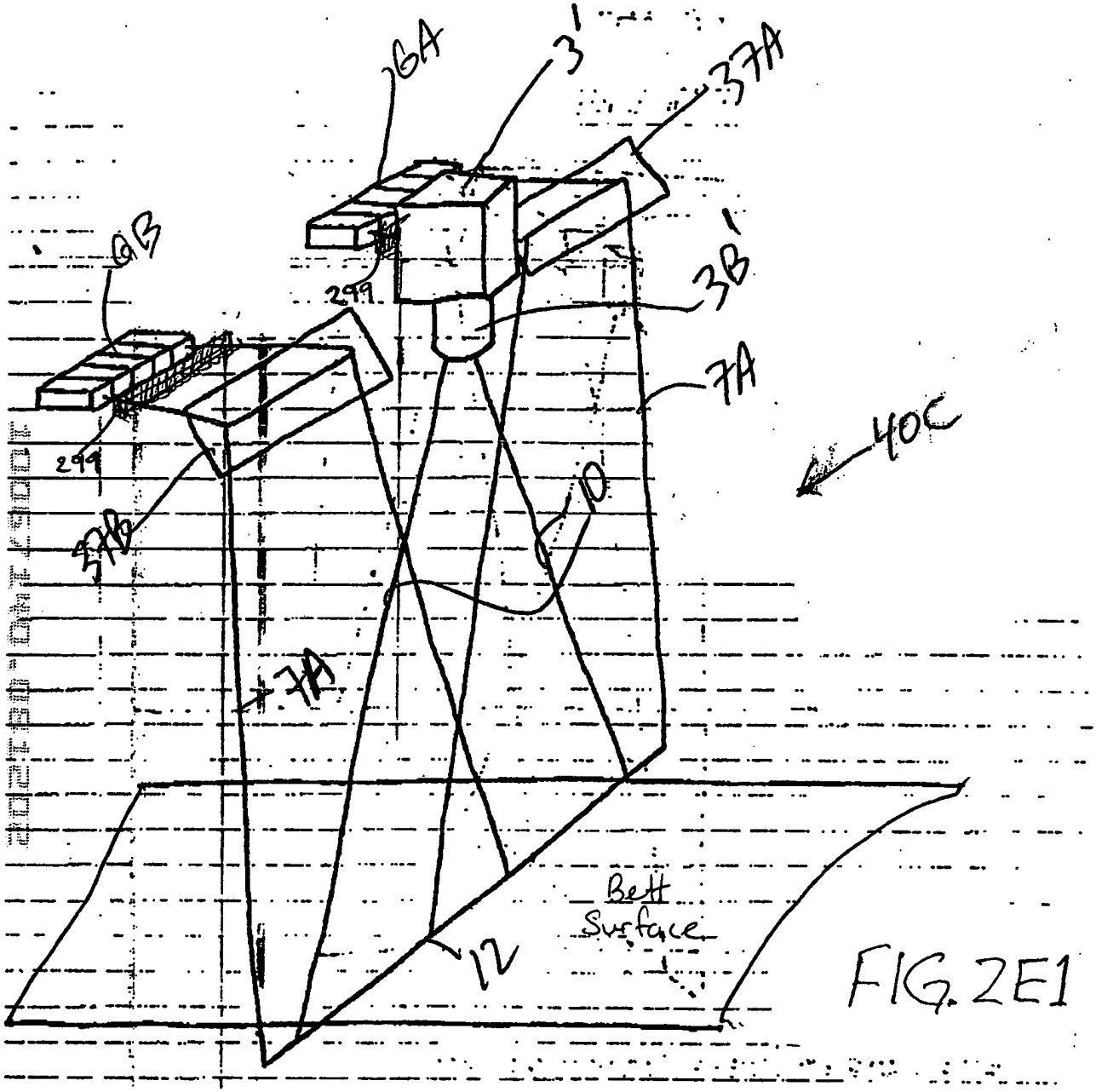

FIG. 2E1

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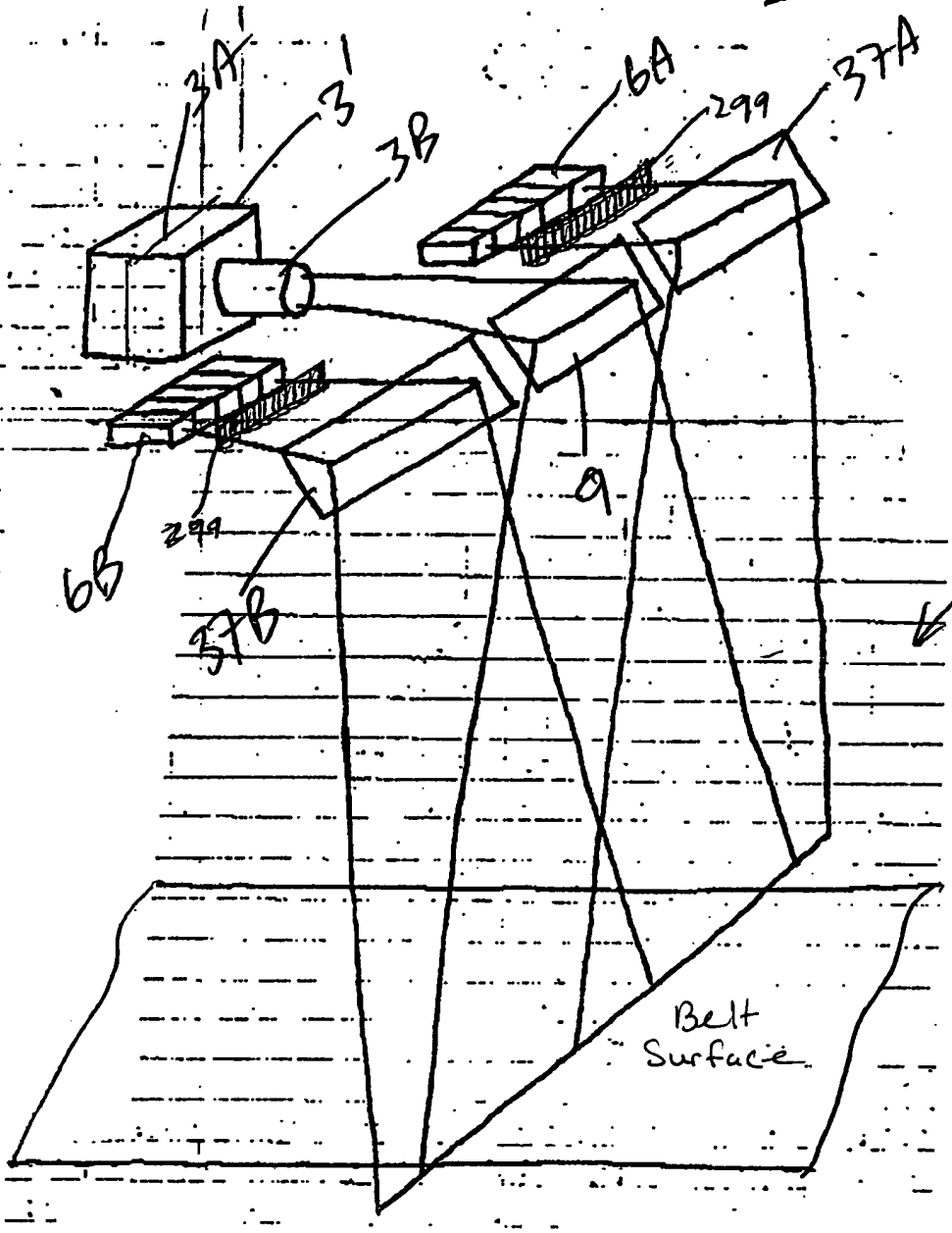


FIG. 2F1

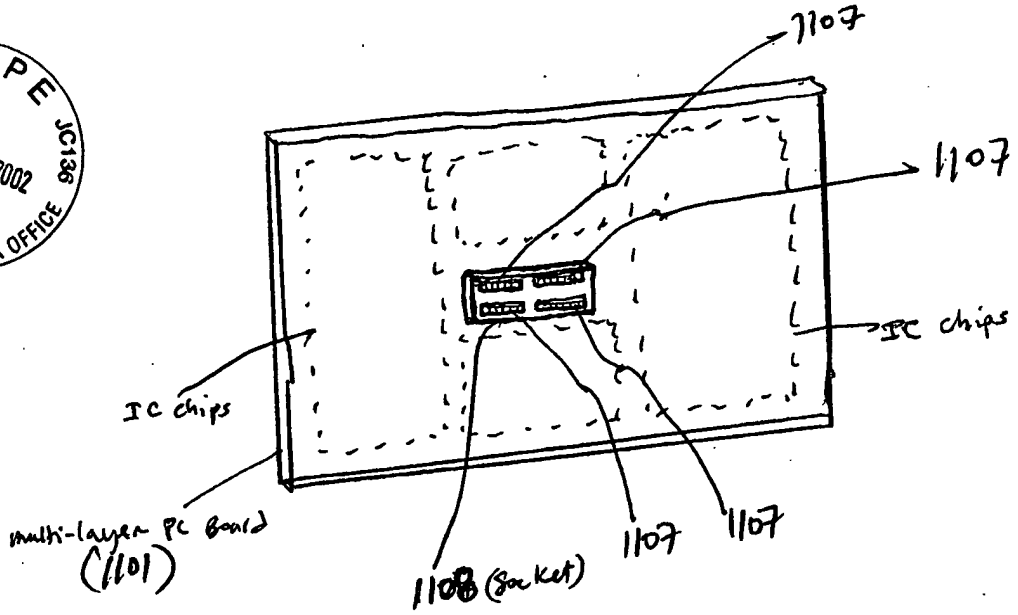


FIG. 3D6

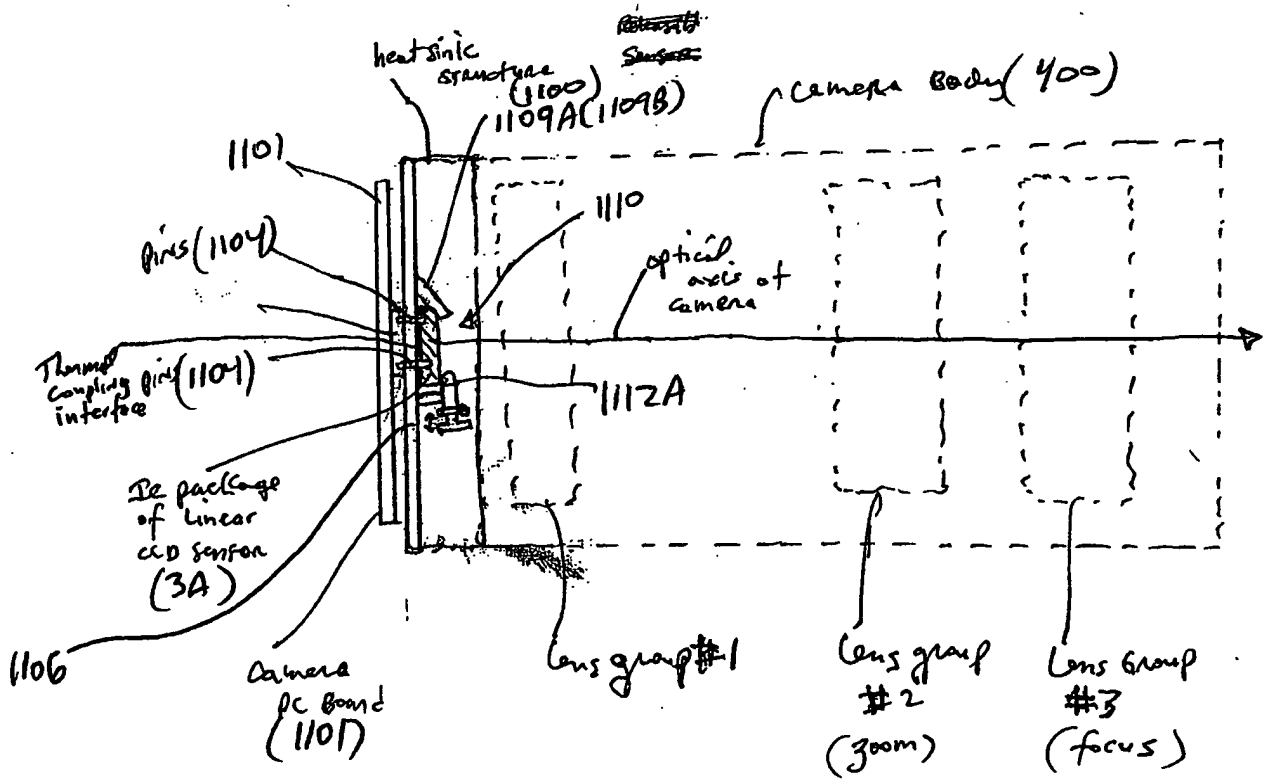


FIG. 3D7

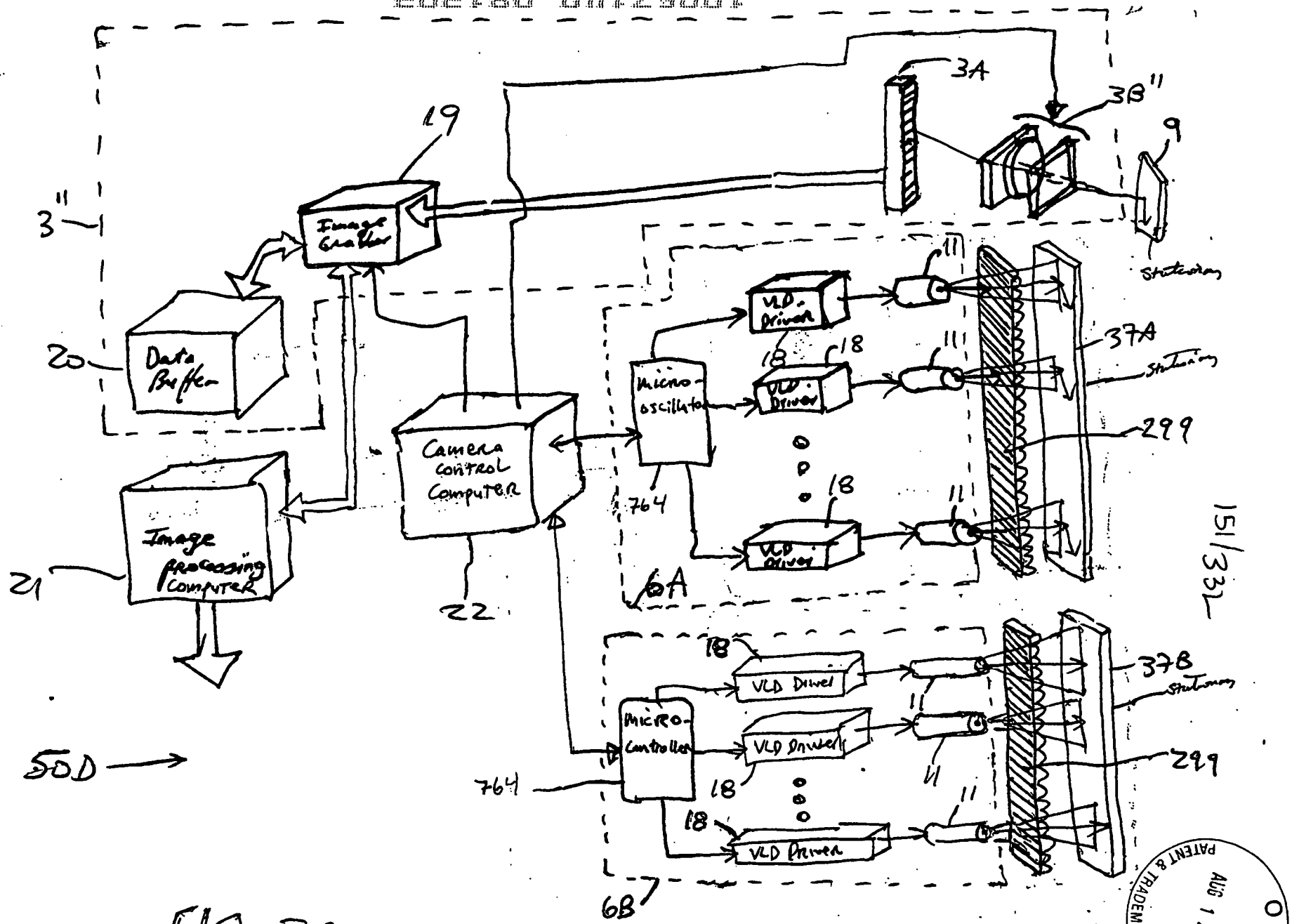


FIG. 3G2

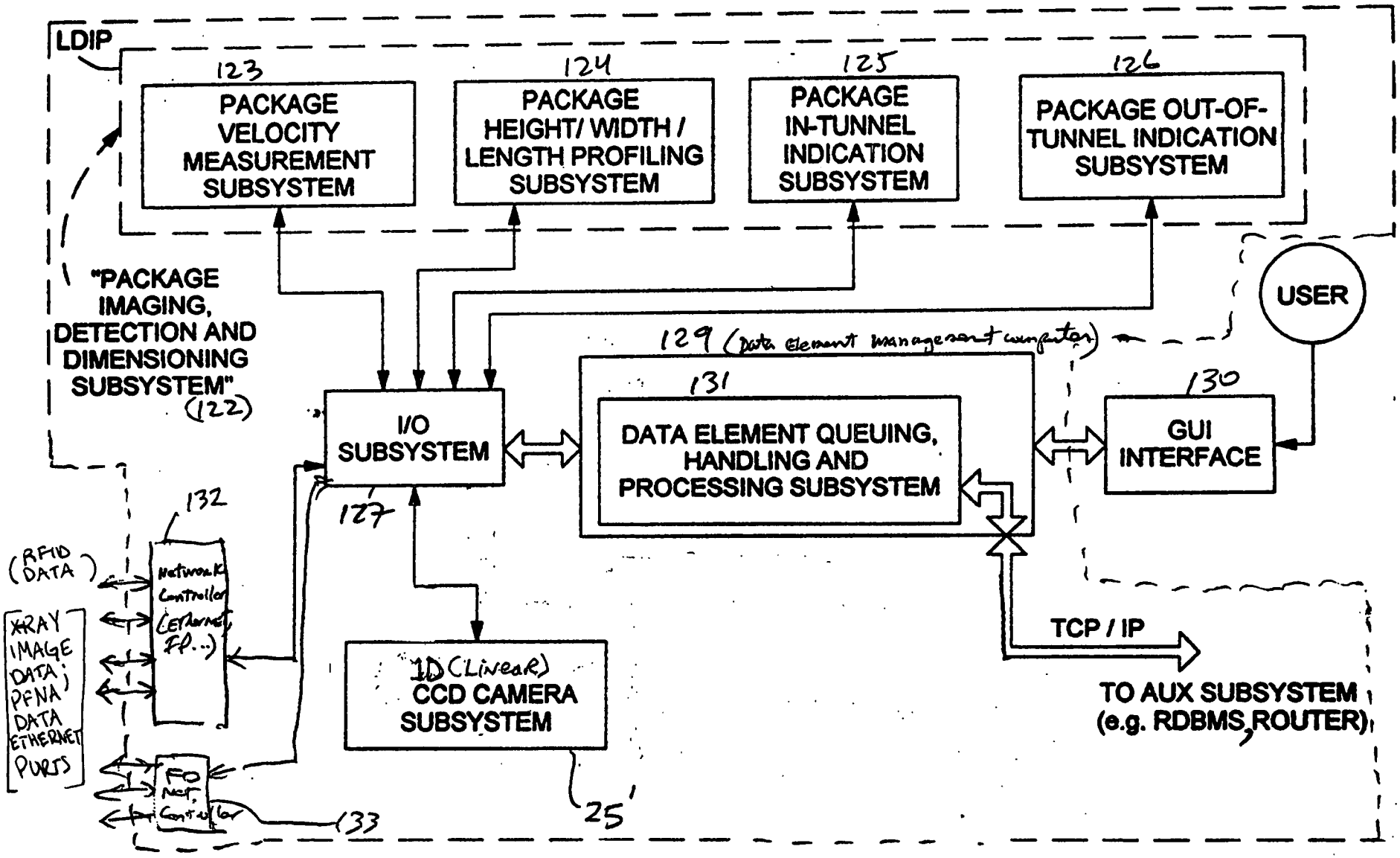


FIG. 10

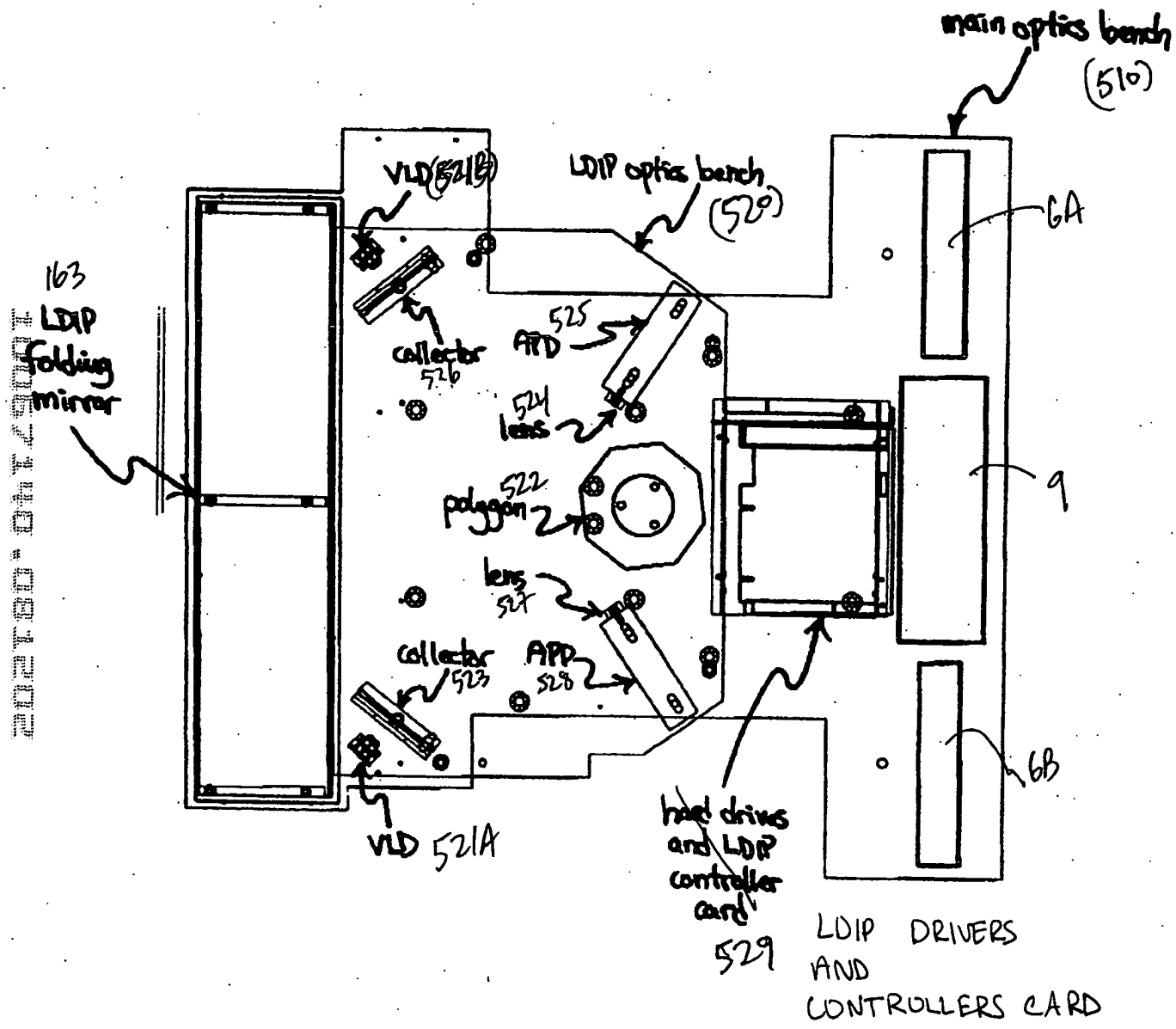


FIG. 12D

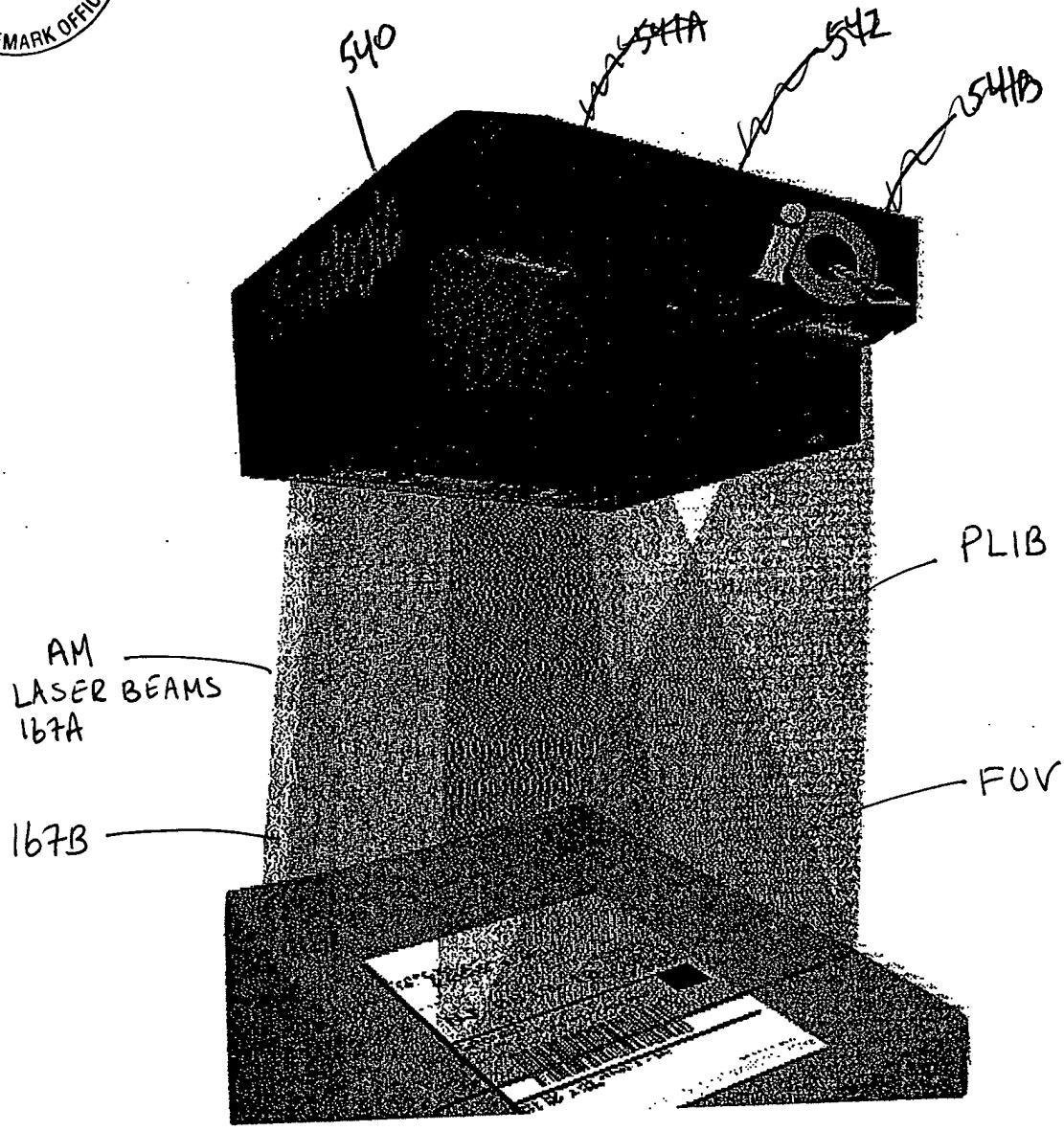


FIG. 13A

CAMERA CONTROL PROCESS CARRIED OUT WITHIN THE CAMERA CONTROL SUBSYSTEM OF EACH OBJECT ATTRIBUTE ACQUISITION AND ~~ANALYSIS SYSTEM~~ IDENTIFICATION AND

SYSTEM OF THE PRESENT INVENTION
560

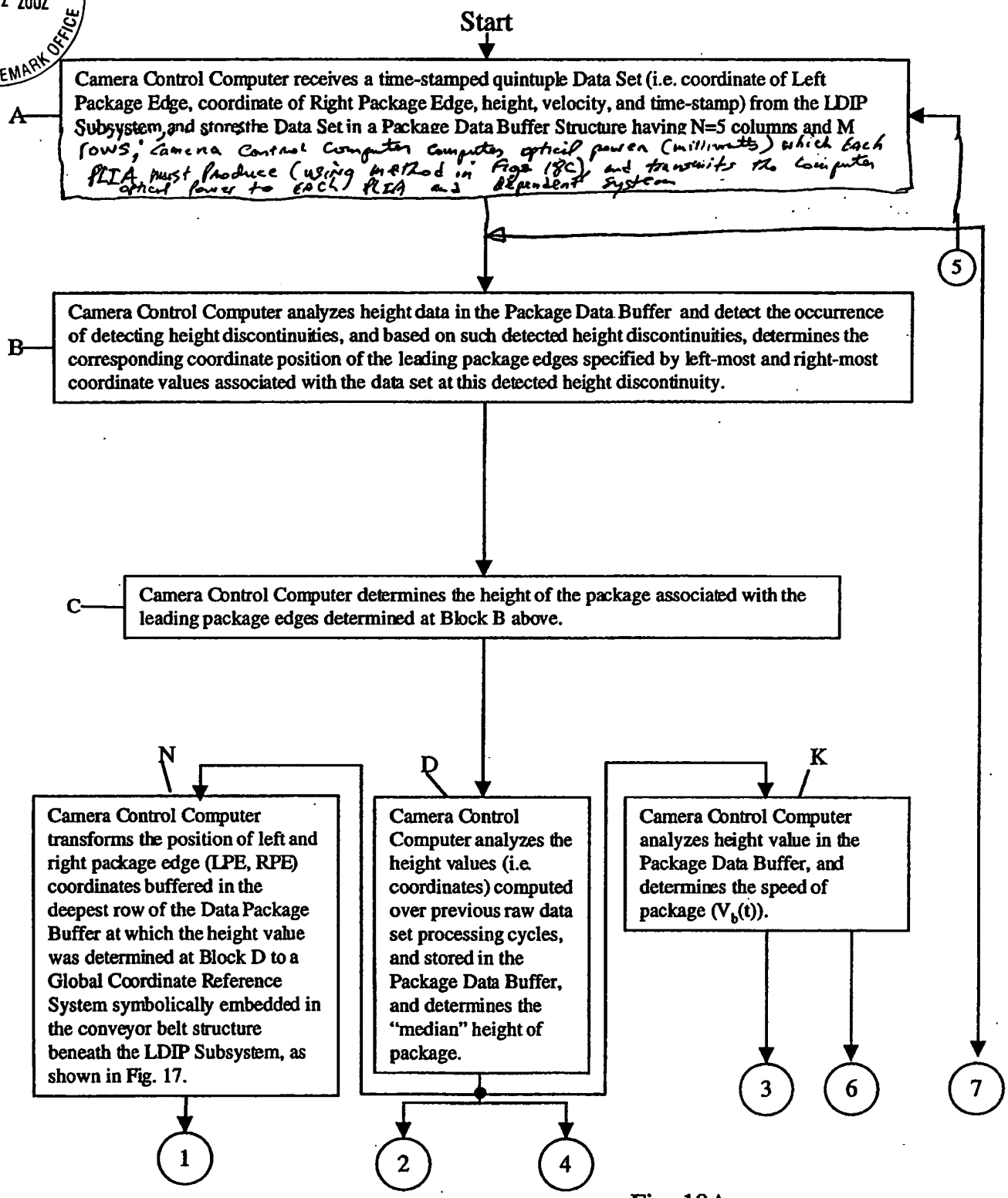


Fig. 18A

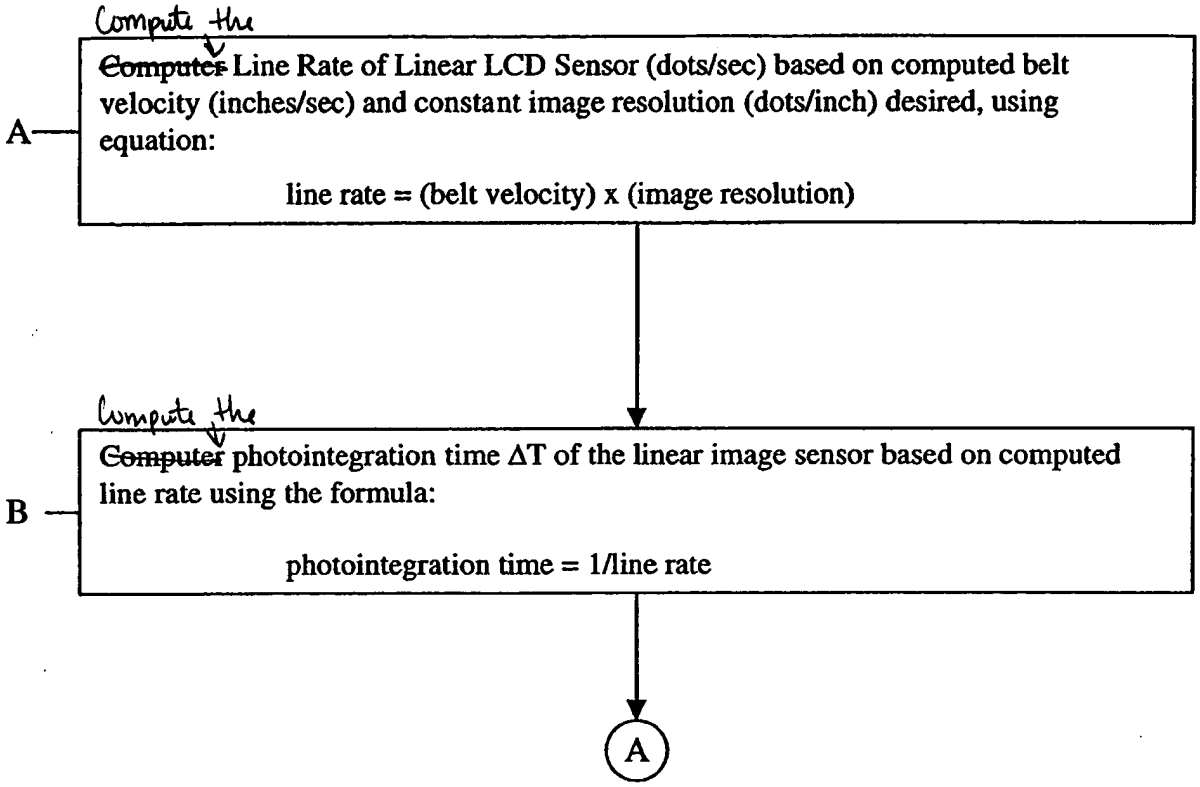


Fig. 18C1

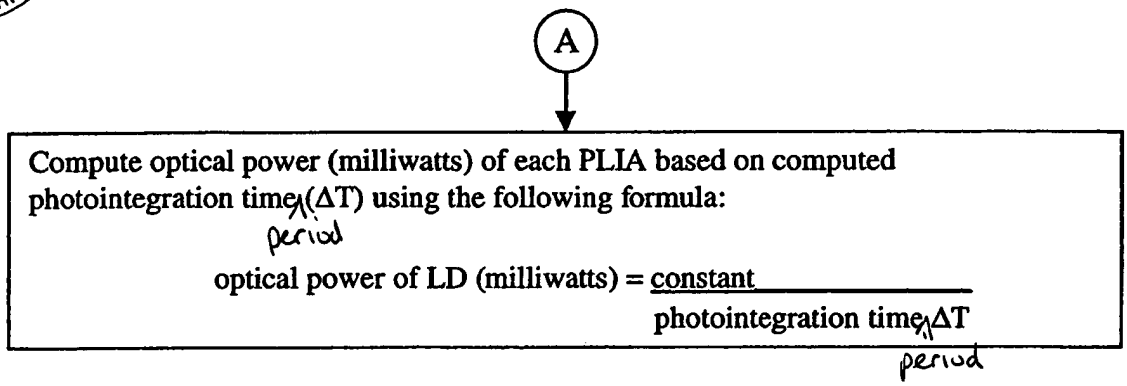


Fig. 18C2

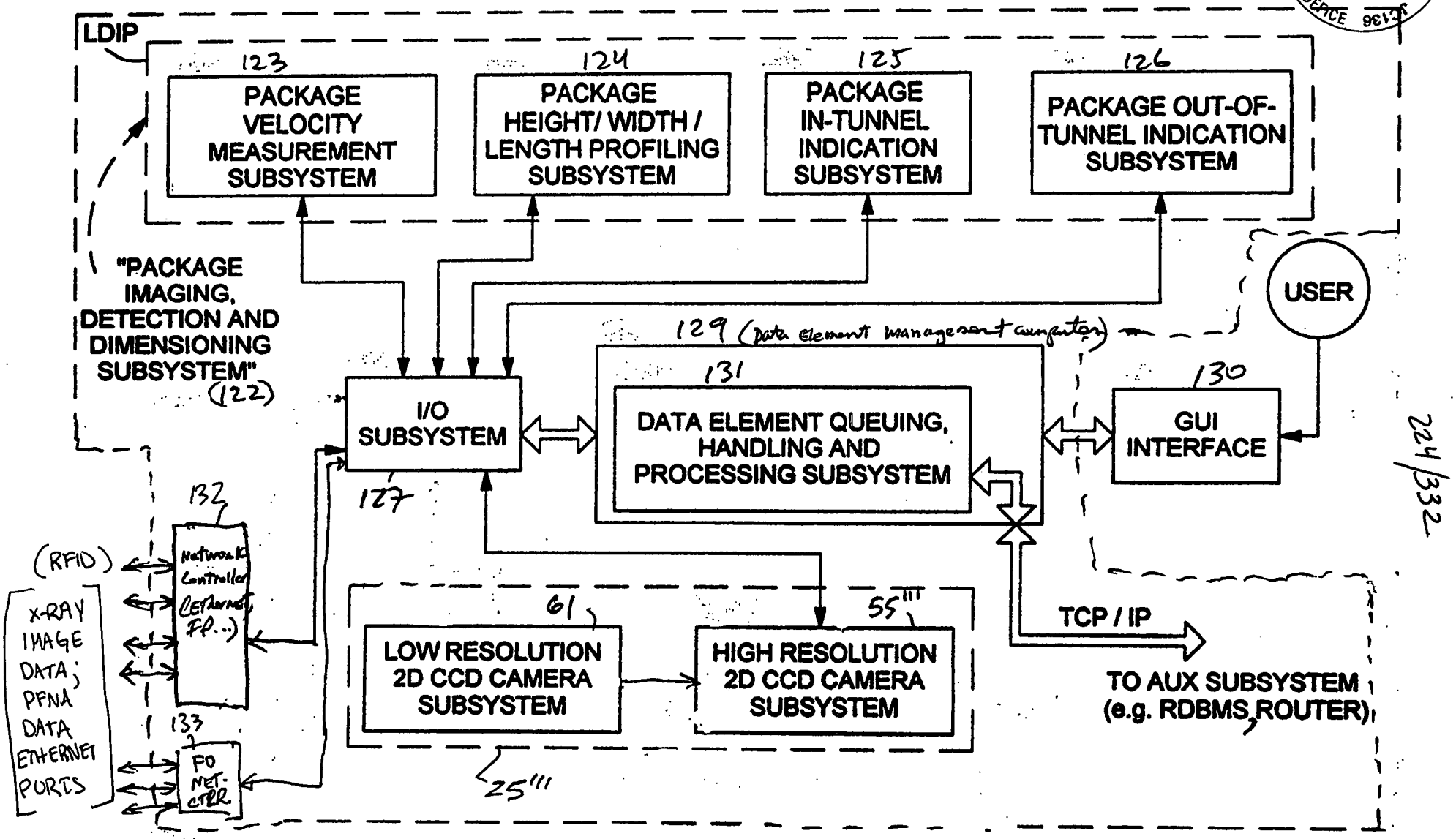


FIG. 25

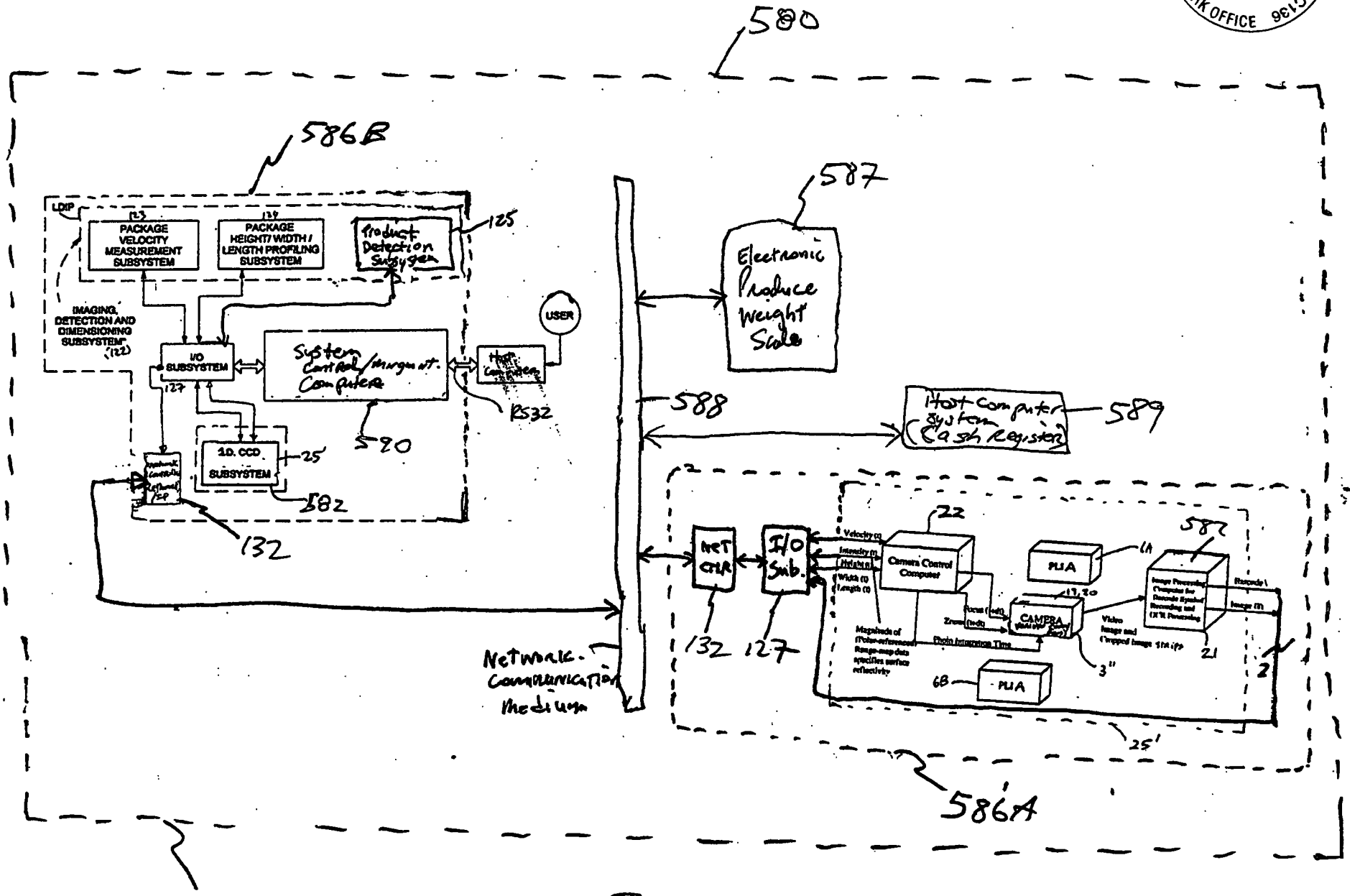


FIG. 33C FIGS. 33C1 and 33C2

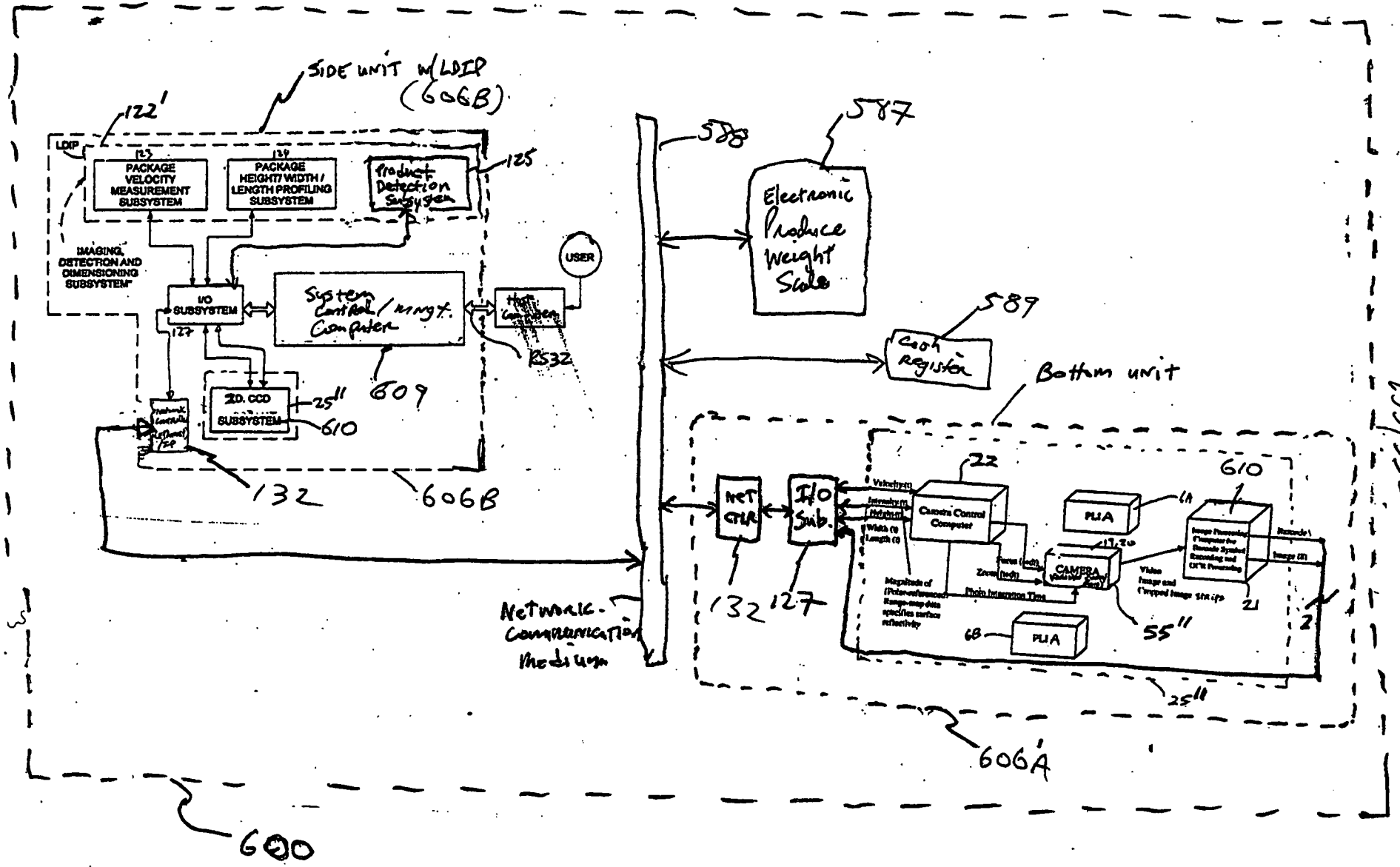


FIG 34C FIGS. 34C1 and 34C2

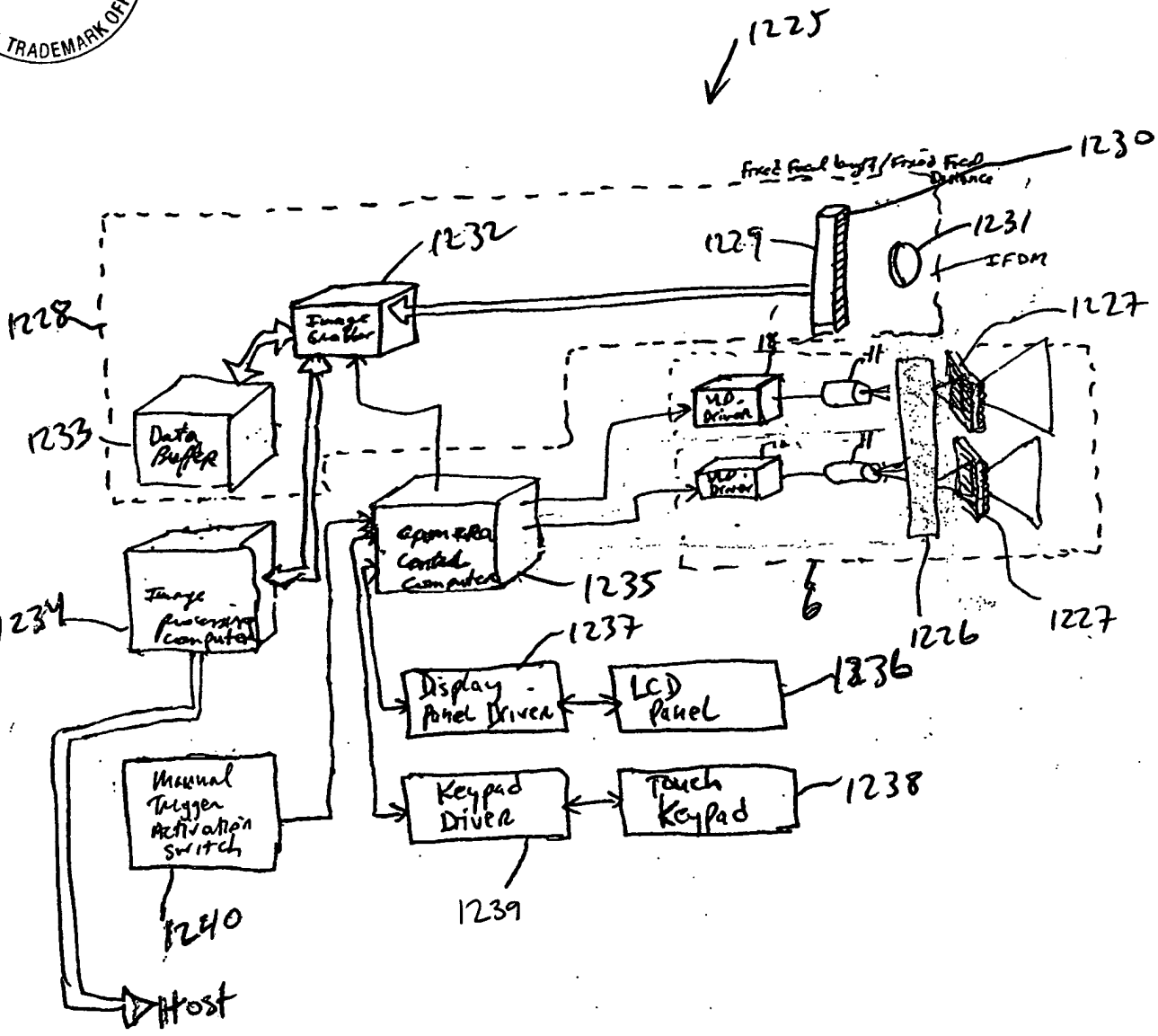
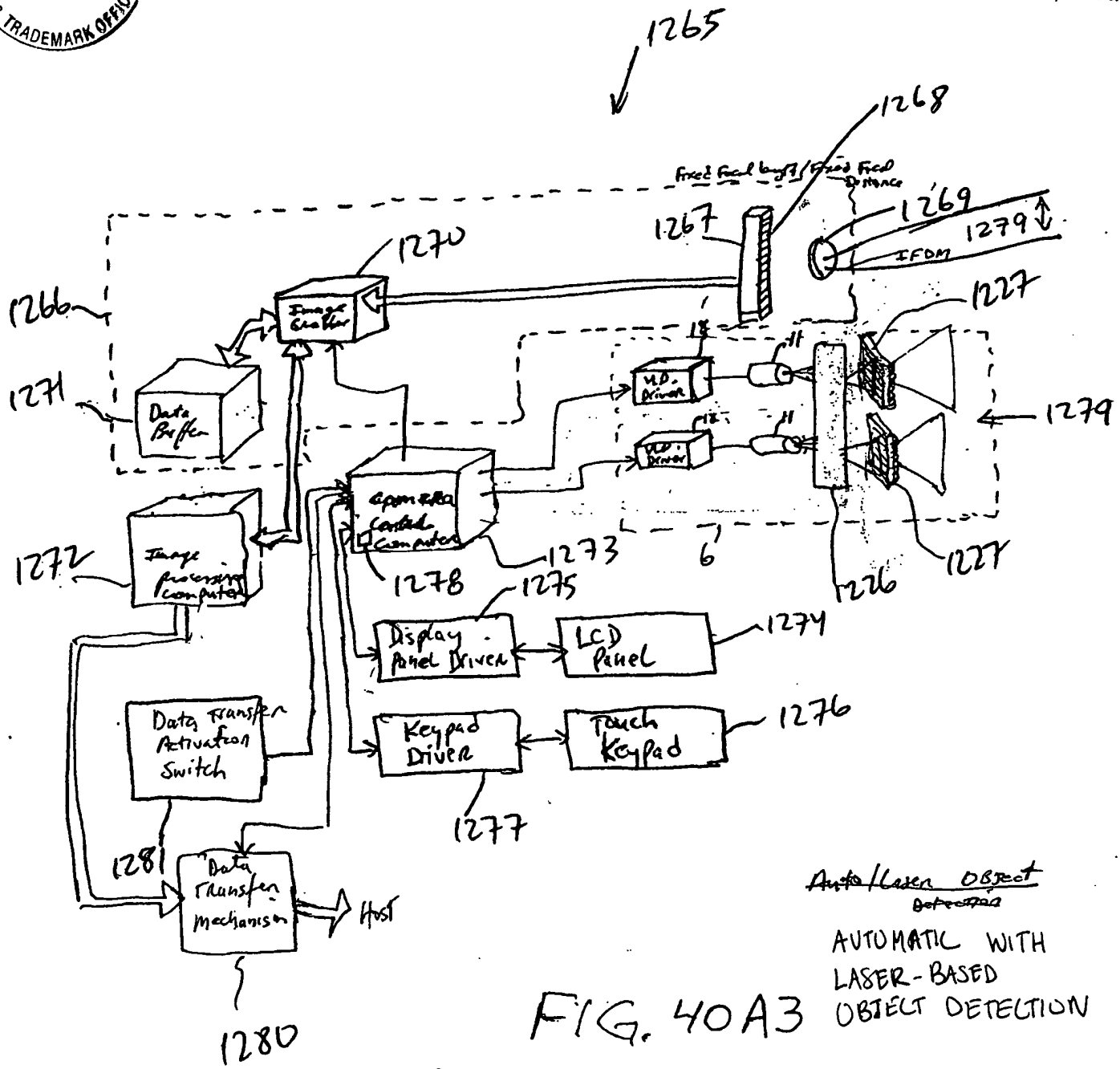


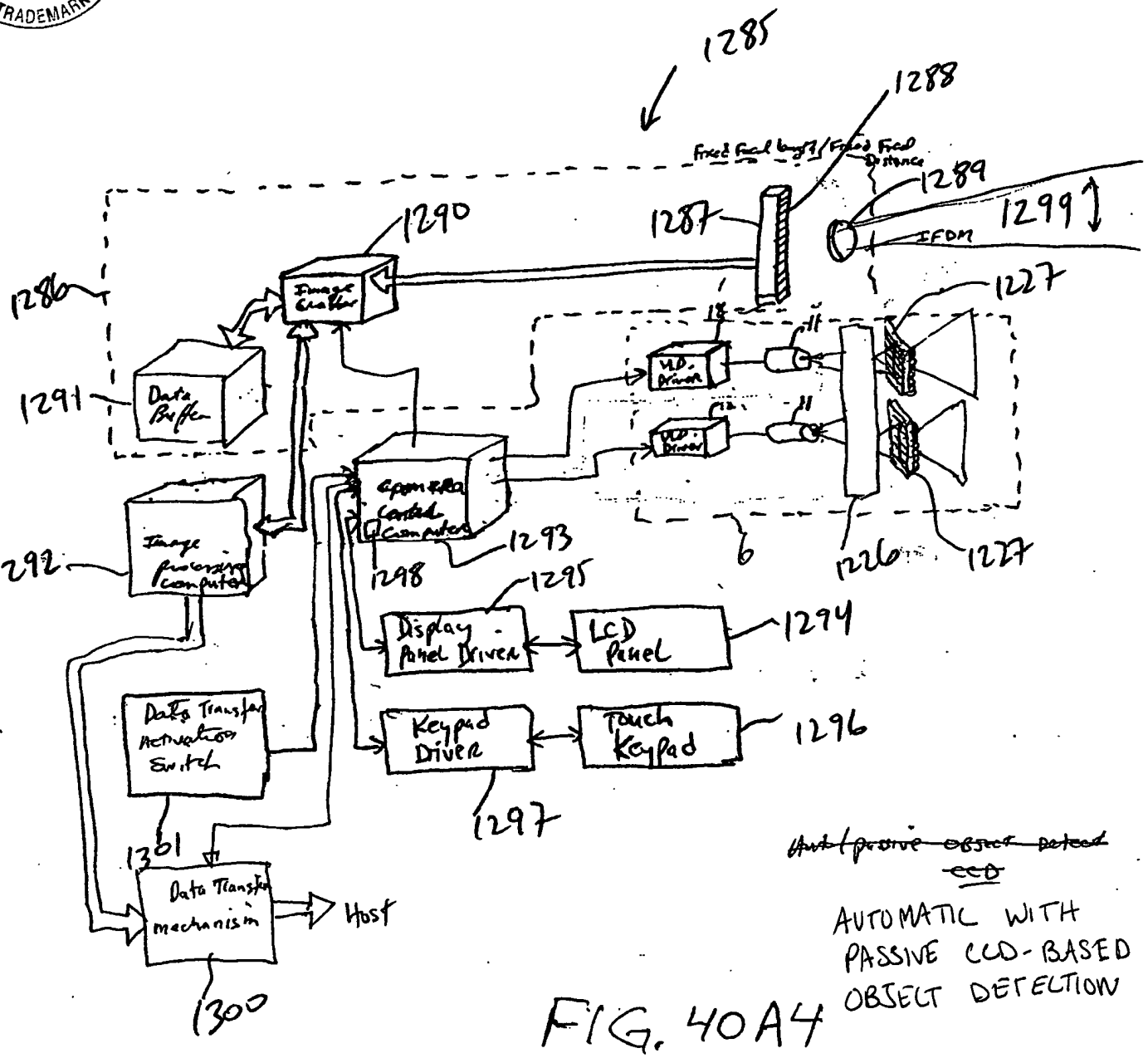
FIG. 40A1



Auto/Laser Object Detection

AUTOMATIC WITH LASER-BASED OBJECT DETECTION

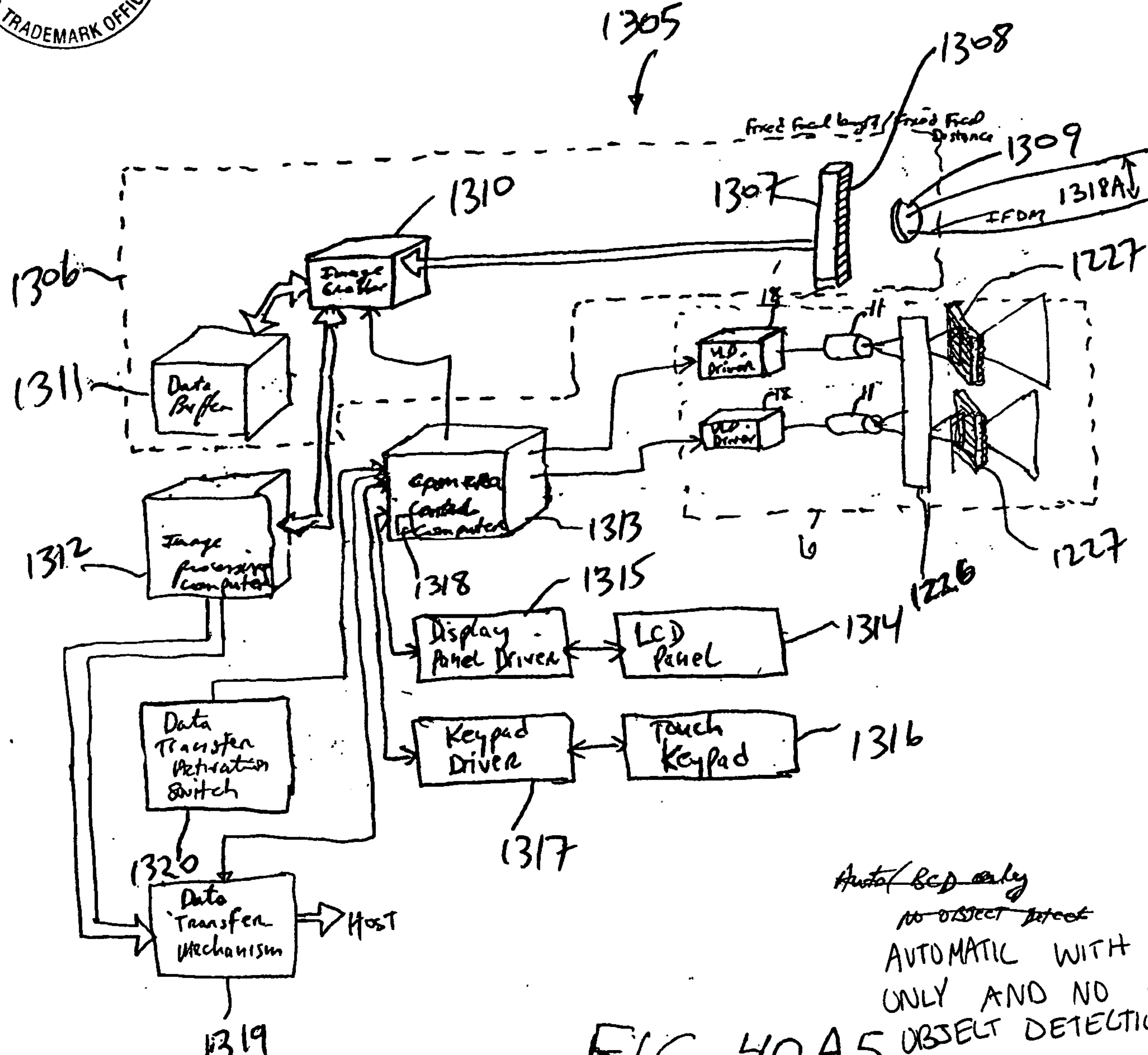
FIG. 40A3



~~Auto/prove object detect~~
~~ECO~~

AUTOMATIC WITH PASSIVE CCD-BASED OBJECT DETECTION

FIG. 40A4



~~Auto/BCD only~~
~~NO OBJECT detect~~
AUTOMATIC WITH BCD ONLY AND NO OBJECT DETECTION

FIG. 40A5

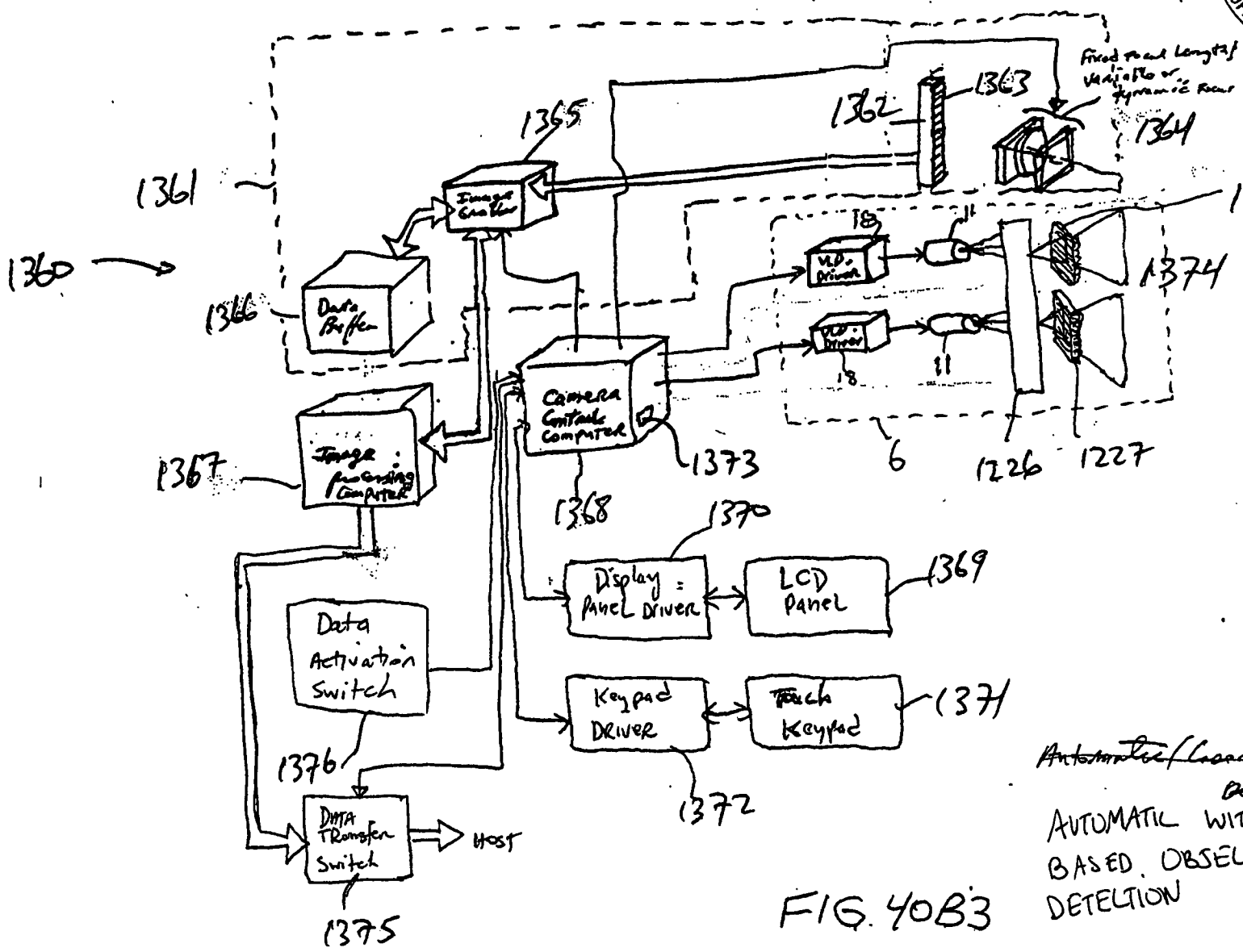


FIG. 40B3

Automatic/Laser Object Detect

AUTOMATIC WITH LASER BASED OBJECT DETECTION

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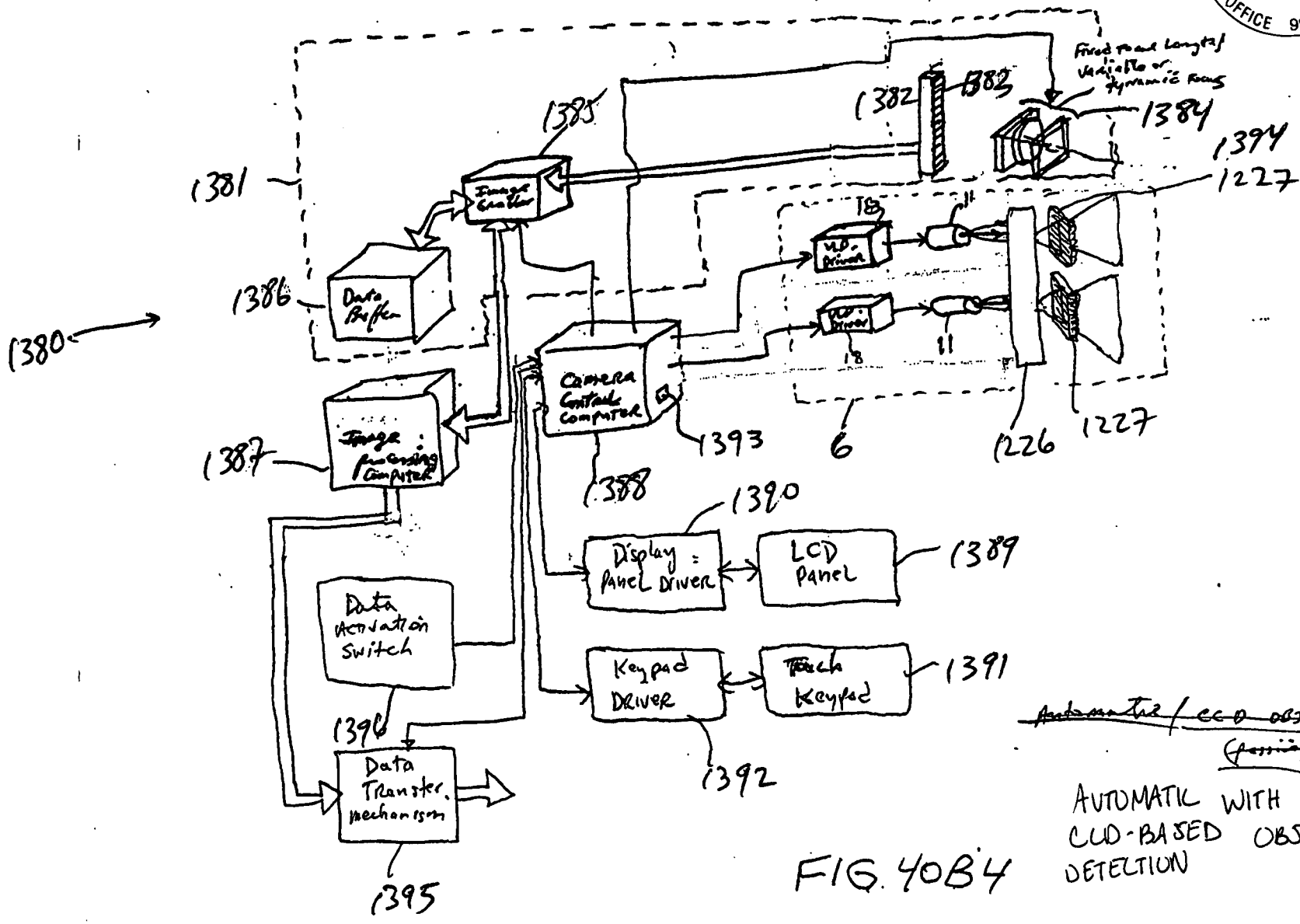

FIG. 40B4

~~Automatic / CCD Object Detect~~ (Passive)

AUTOMATIC WITH PASSIVE CCD-BASED OBJECT DETECTION

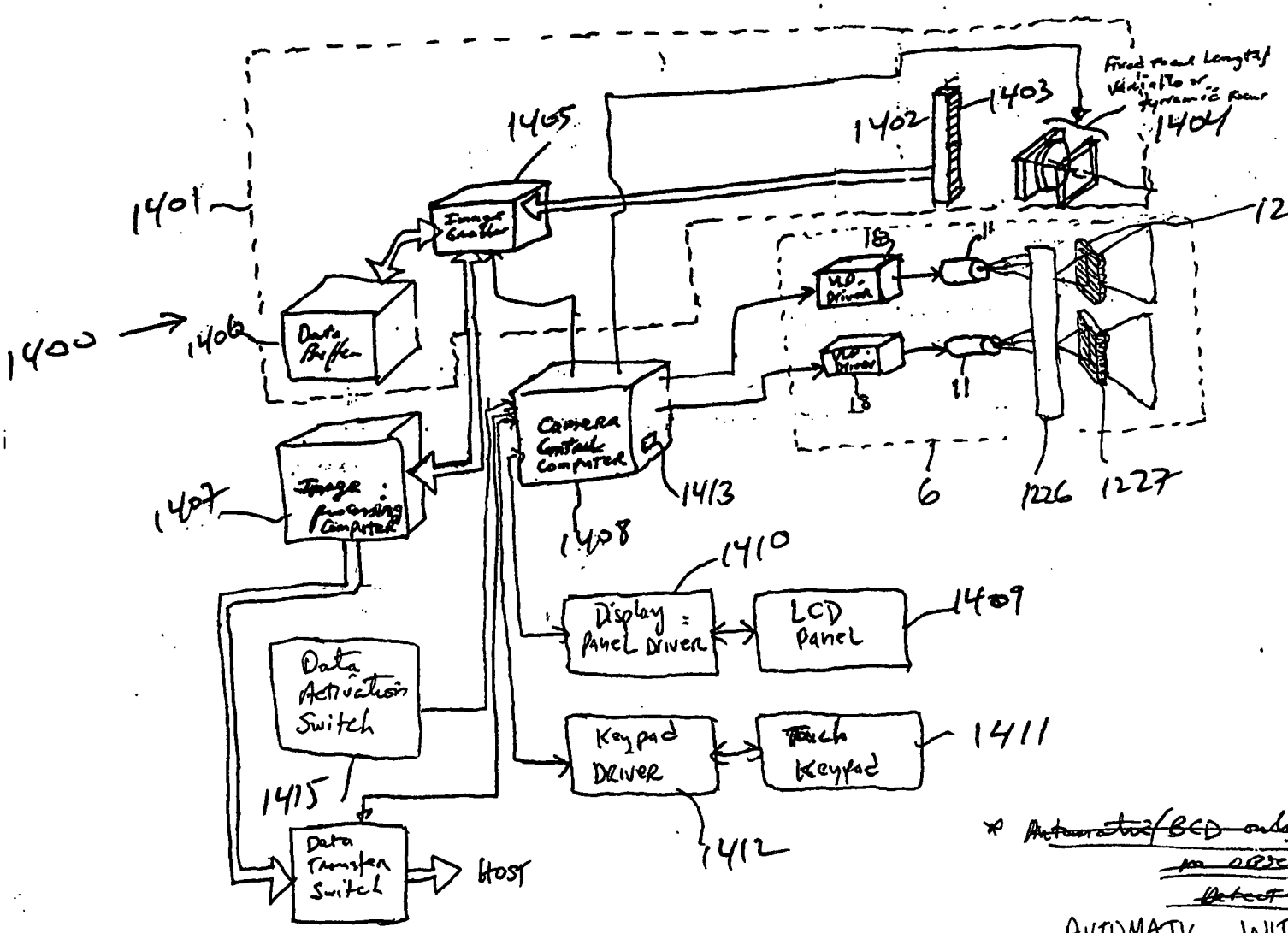

FIG. 40B5

* ~~Automatic/BCD only~~ ! ~~an object detect~~

AUTOMATIC WITH BCD ONLY AND NO OBJECT DETECTION

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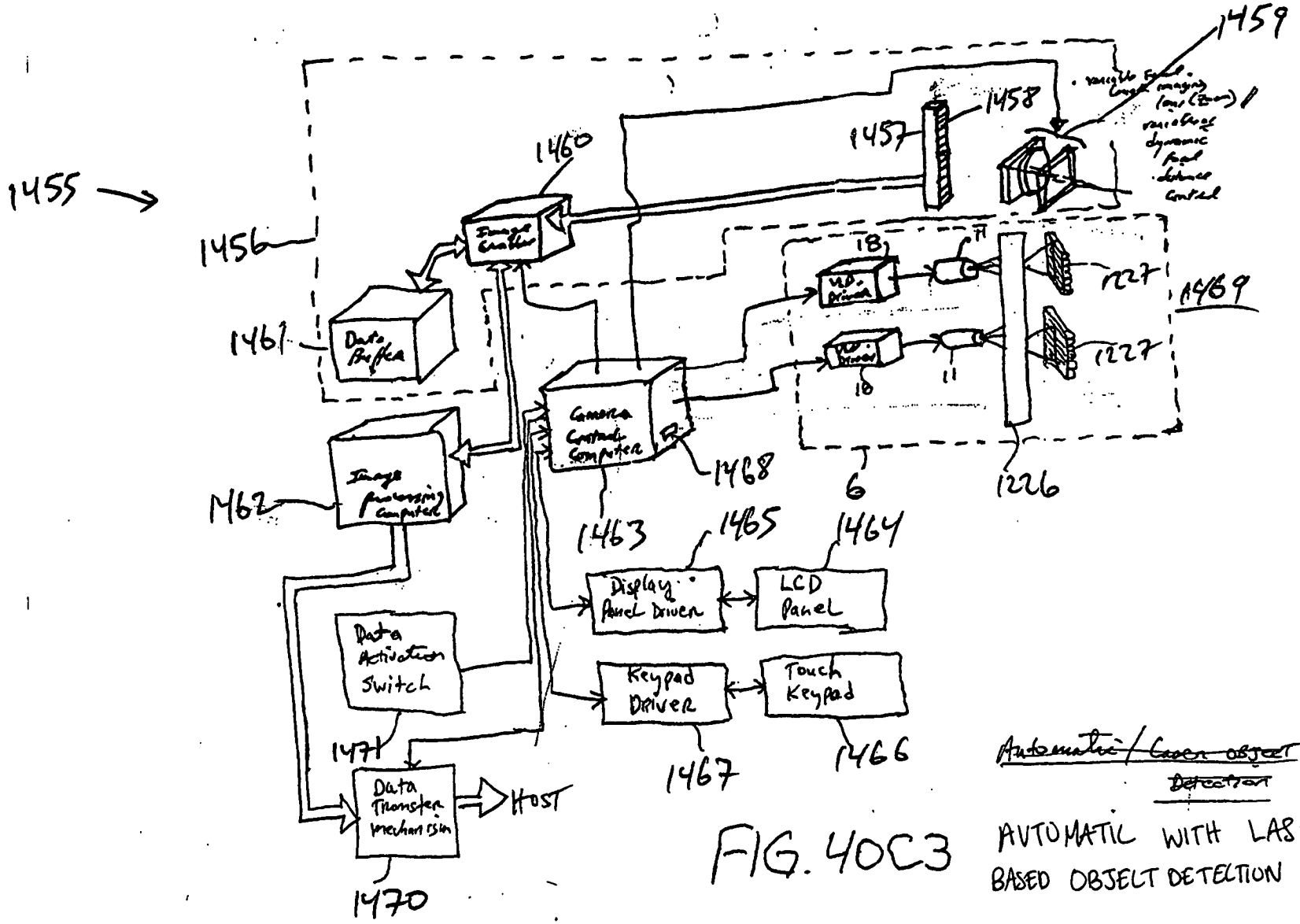

FIG. 40C3

~~Automatic / Laser object detection~~

AUTOMATIC WITH LASER BASED OBJECT DETECTION

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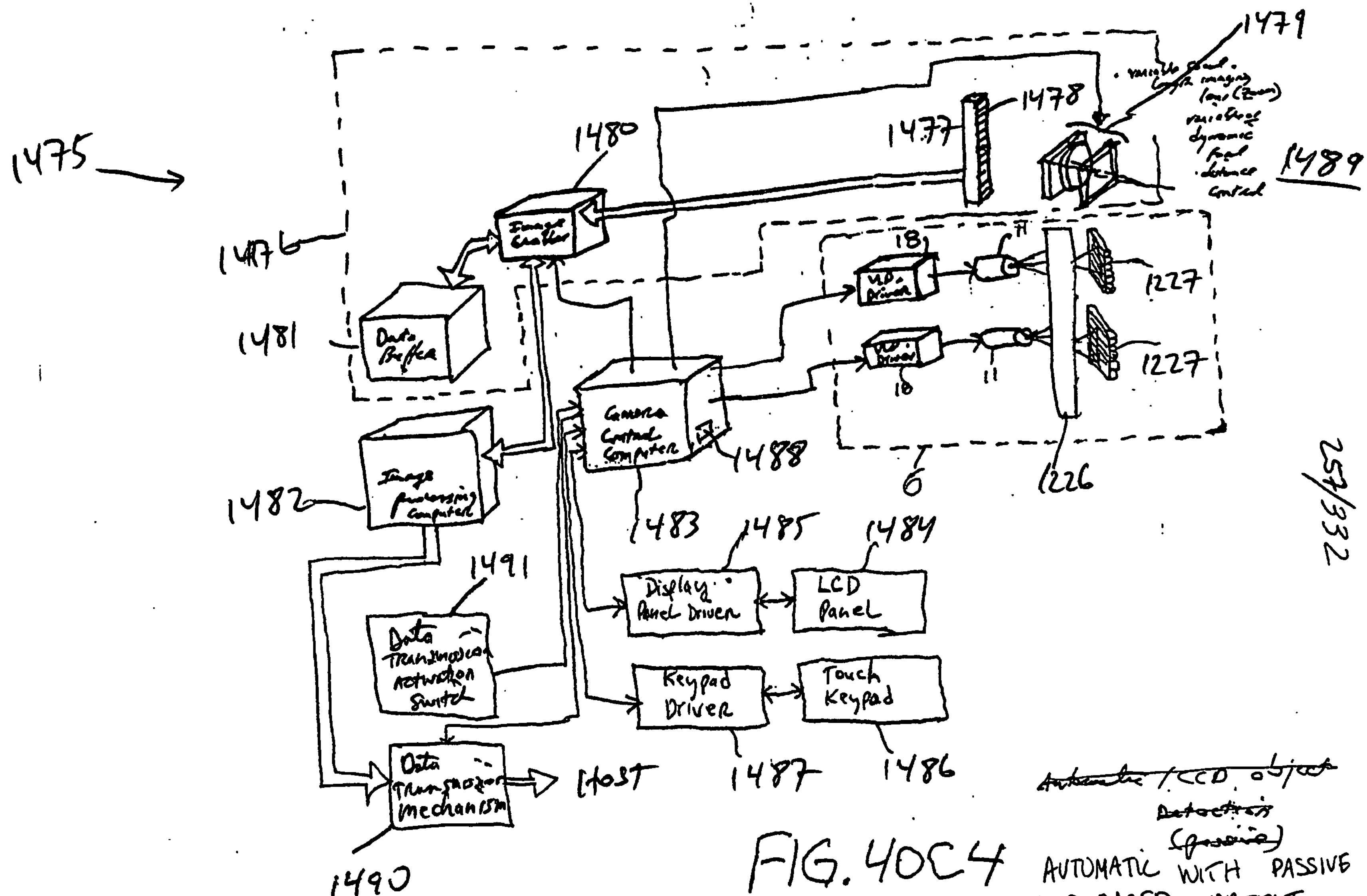


FIG. 40C4

AUTOMATIC WITH PASSIVE CCD-BASED OBJECT DETECTION

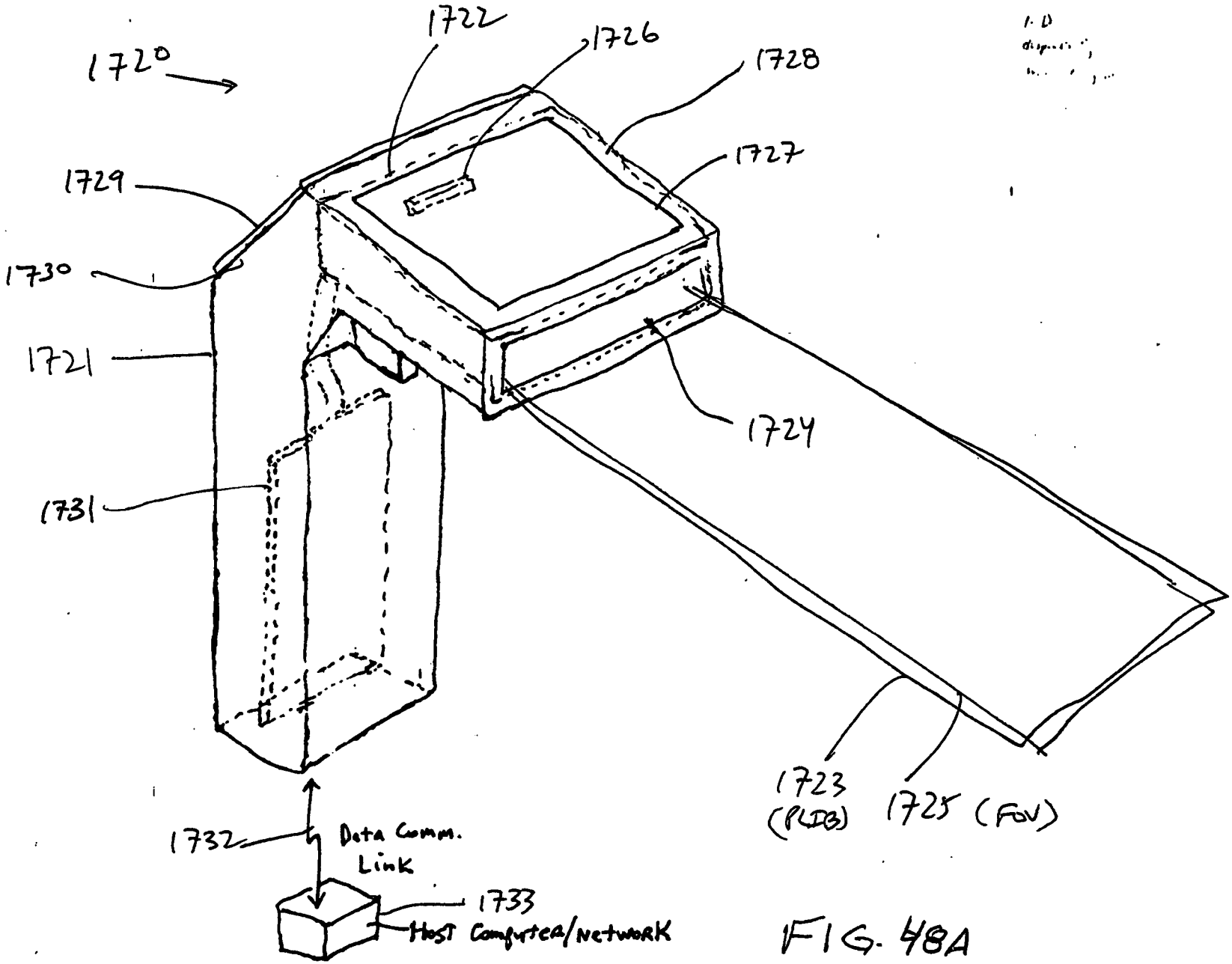


FIG. 48A

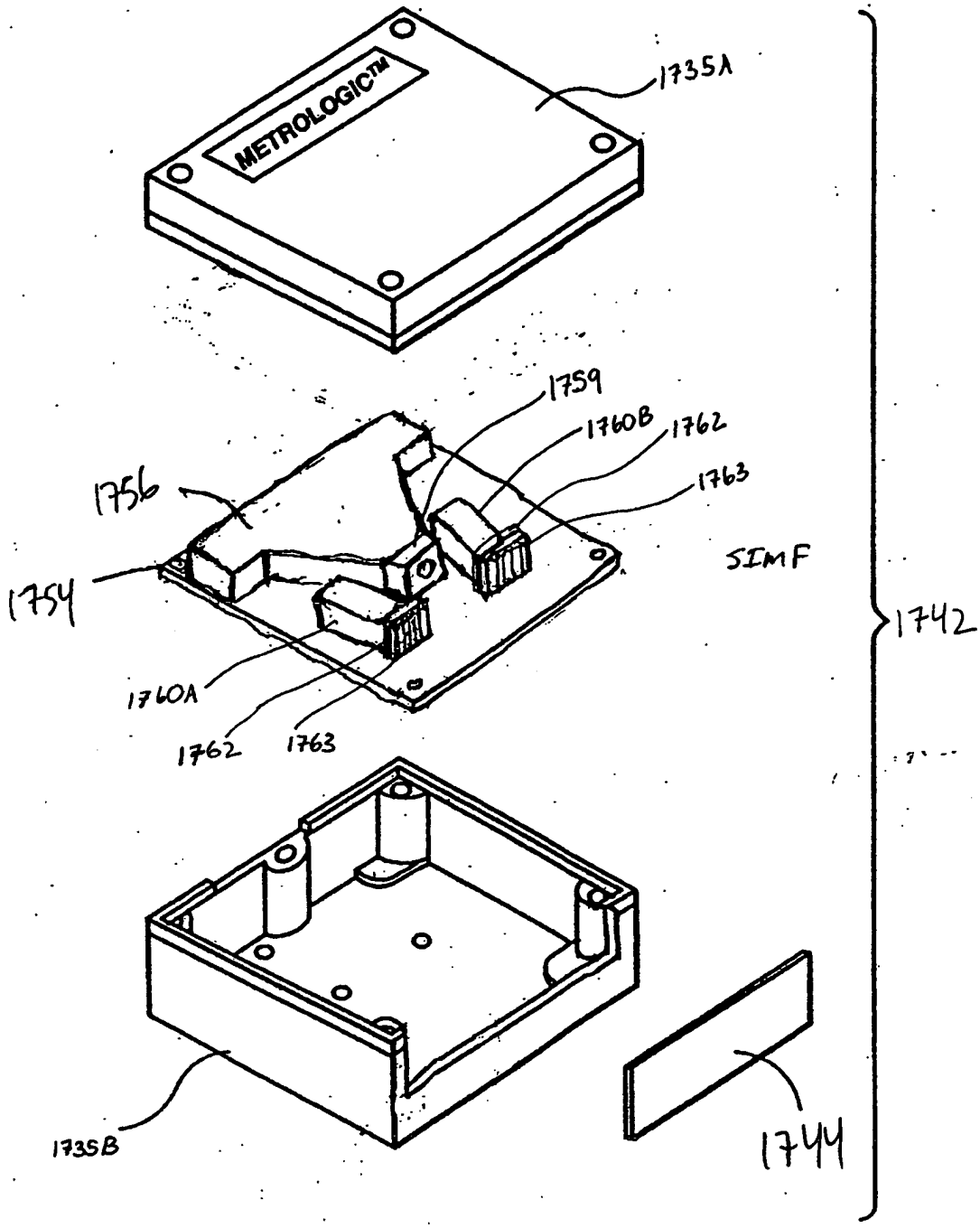


FIG. 49B

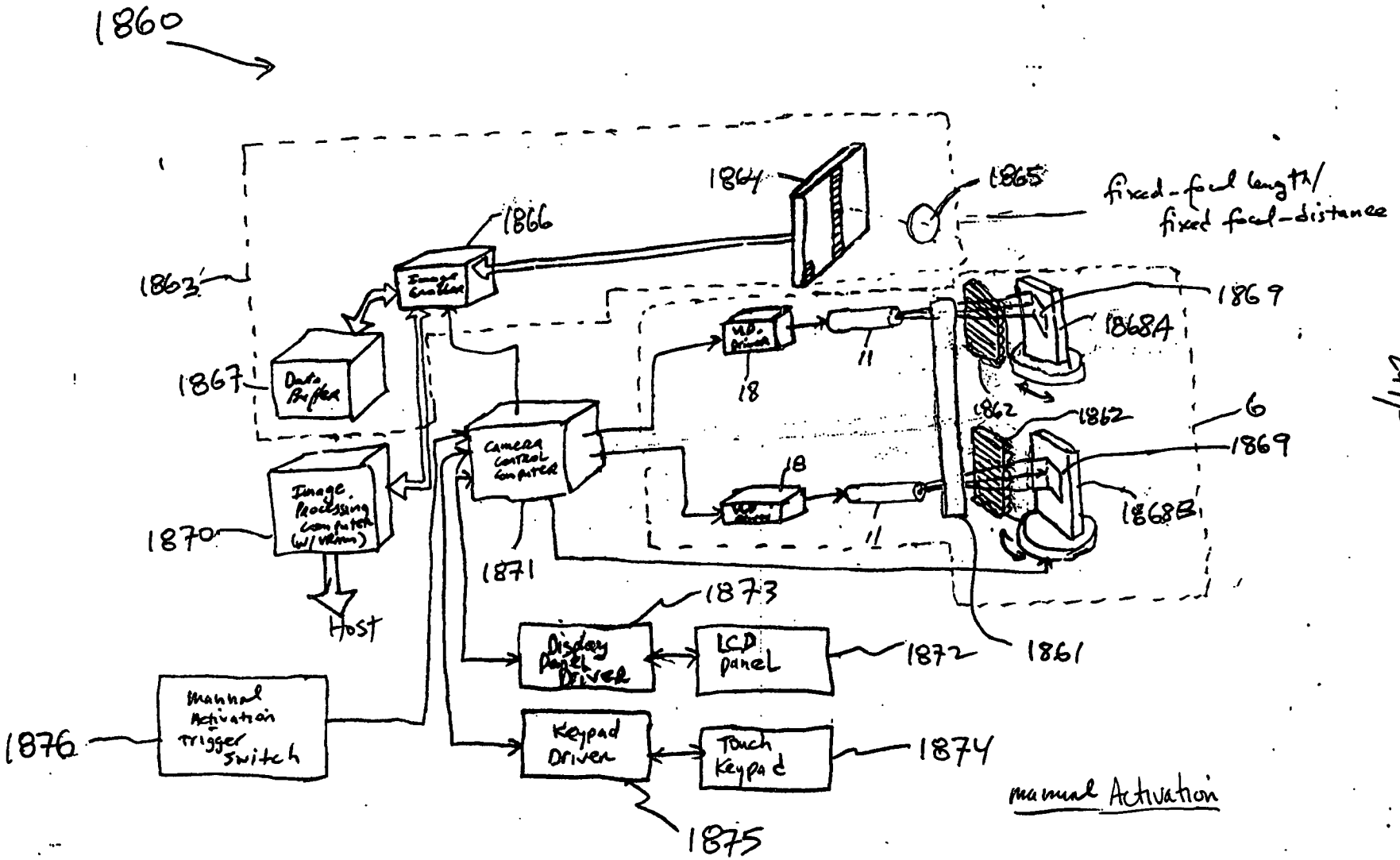


FIG. 53A1

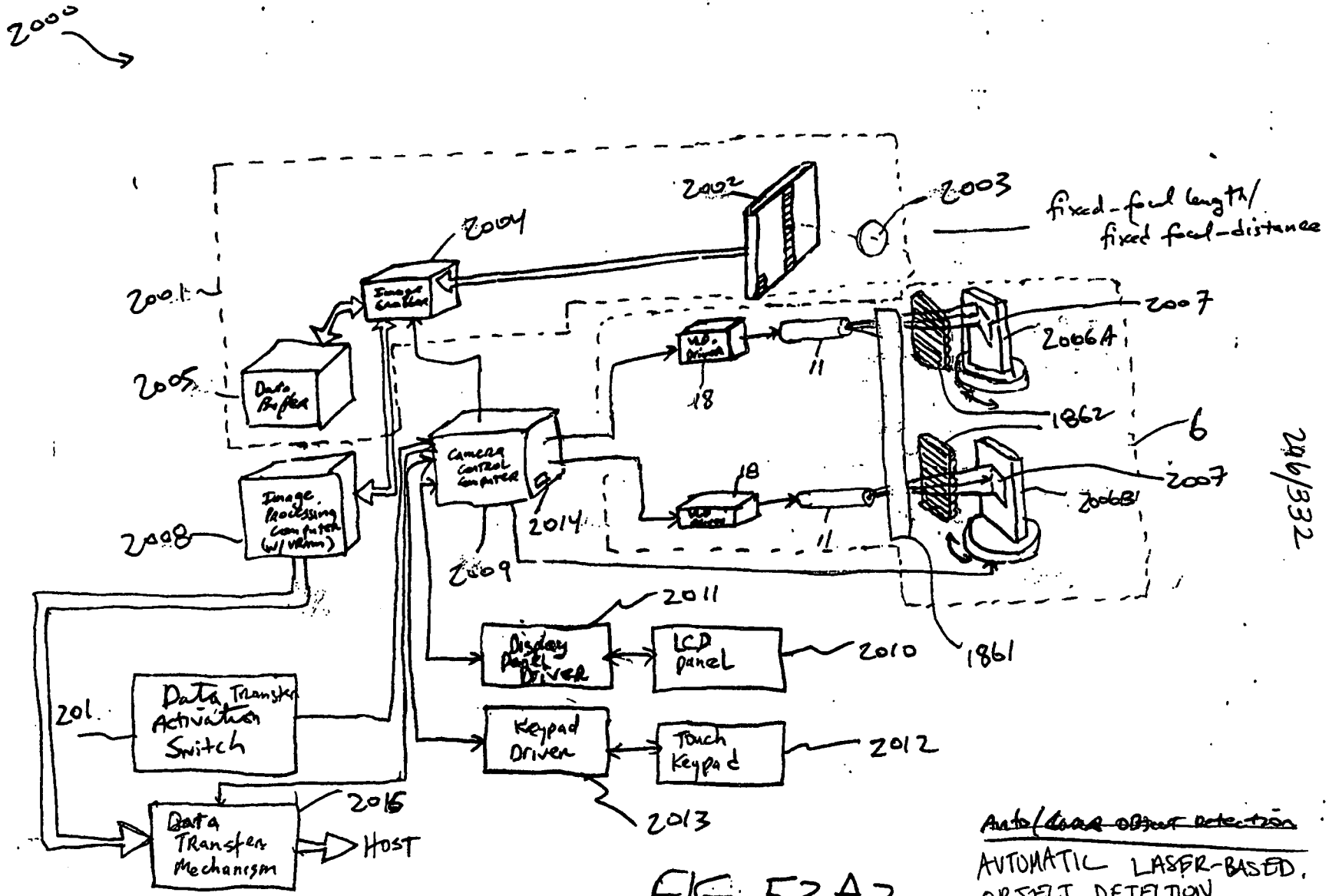


FIG. 53A3

~~Auto/Laser Object detection~~

AUTOMATIC LASER-BASED OBJECT DETECTION

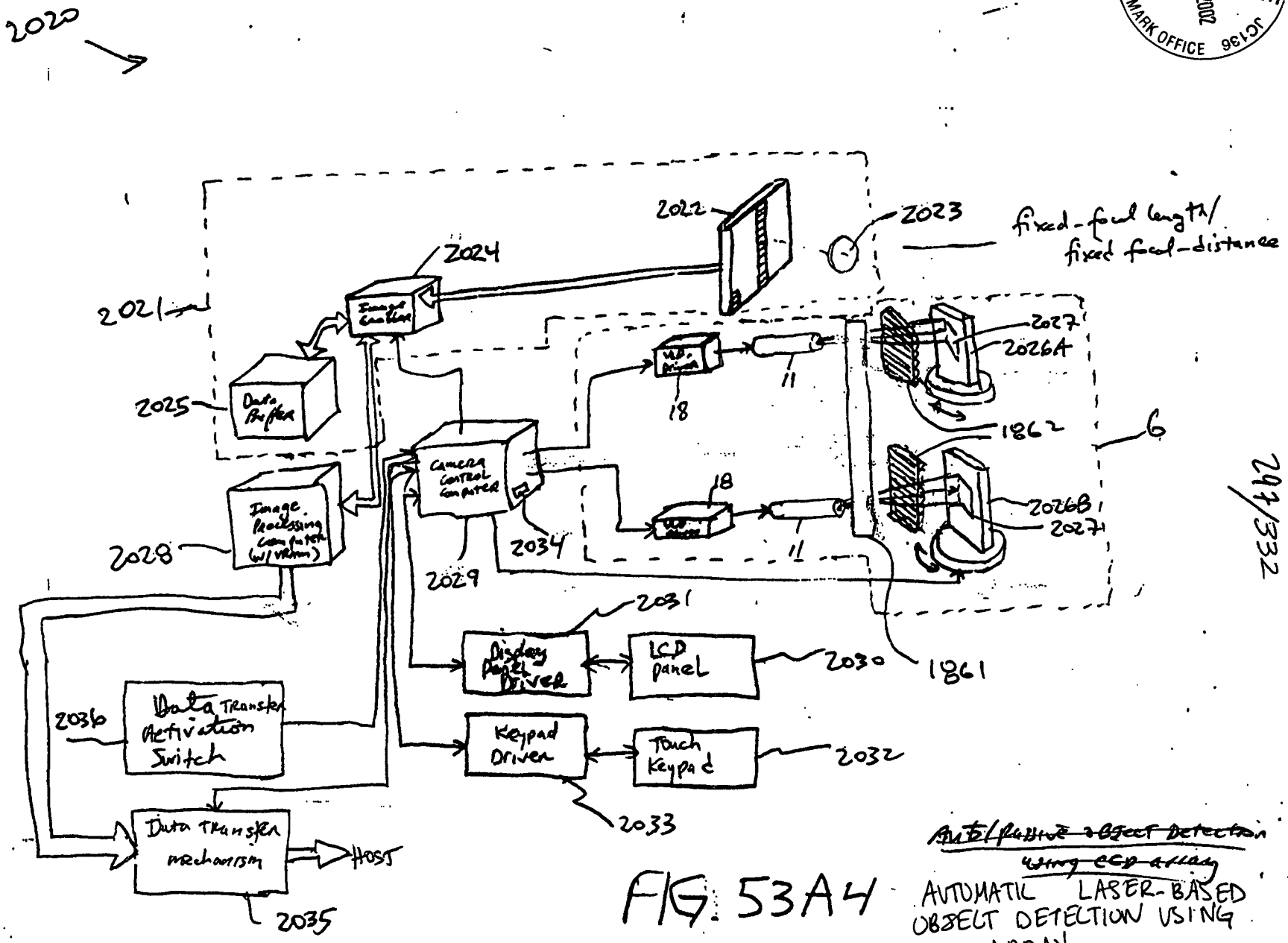


FIG. 53A4

~~Auto/Passive Object Detection using CCD array~~

AUTOMATIC LASER-BASED OBJECT DETECTION USING CCD-ARRAY

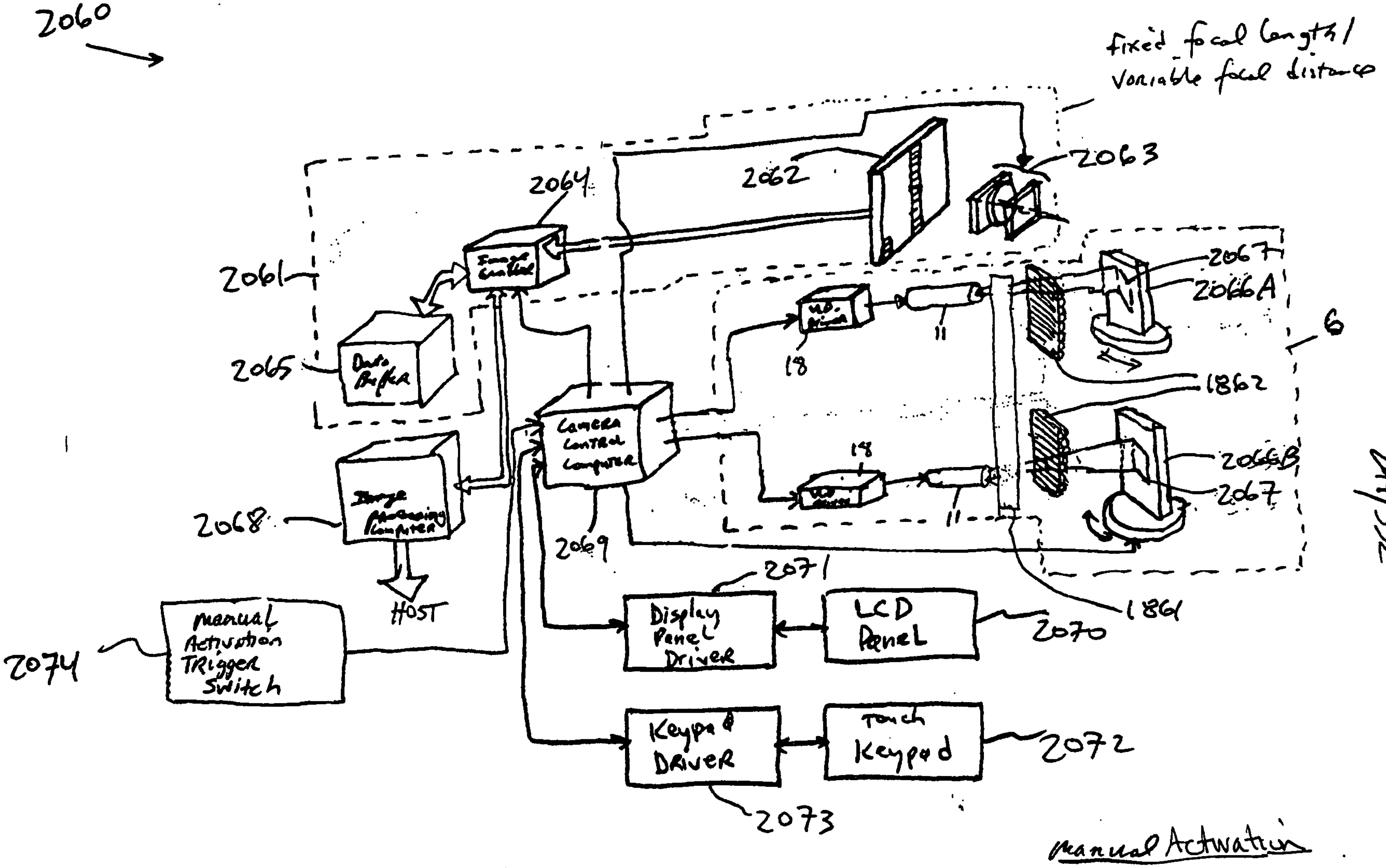
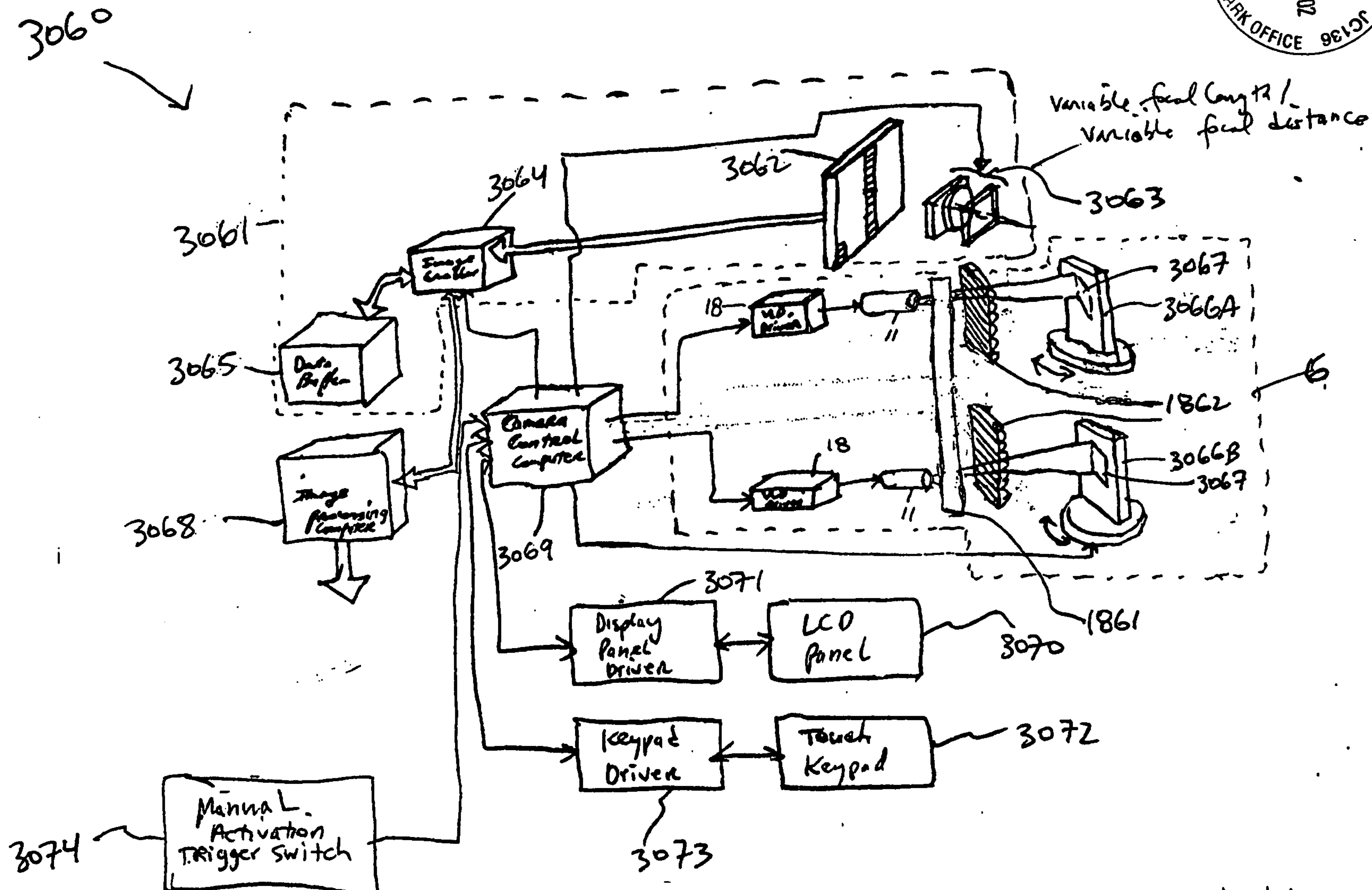


FIG. 53B1



Manual Activation

FIG. 53C1

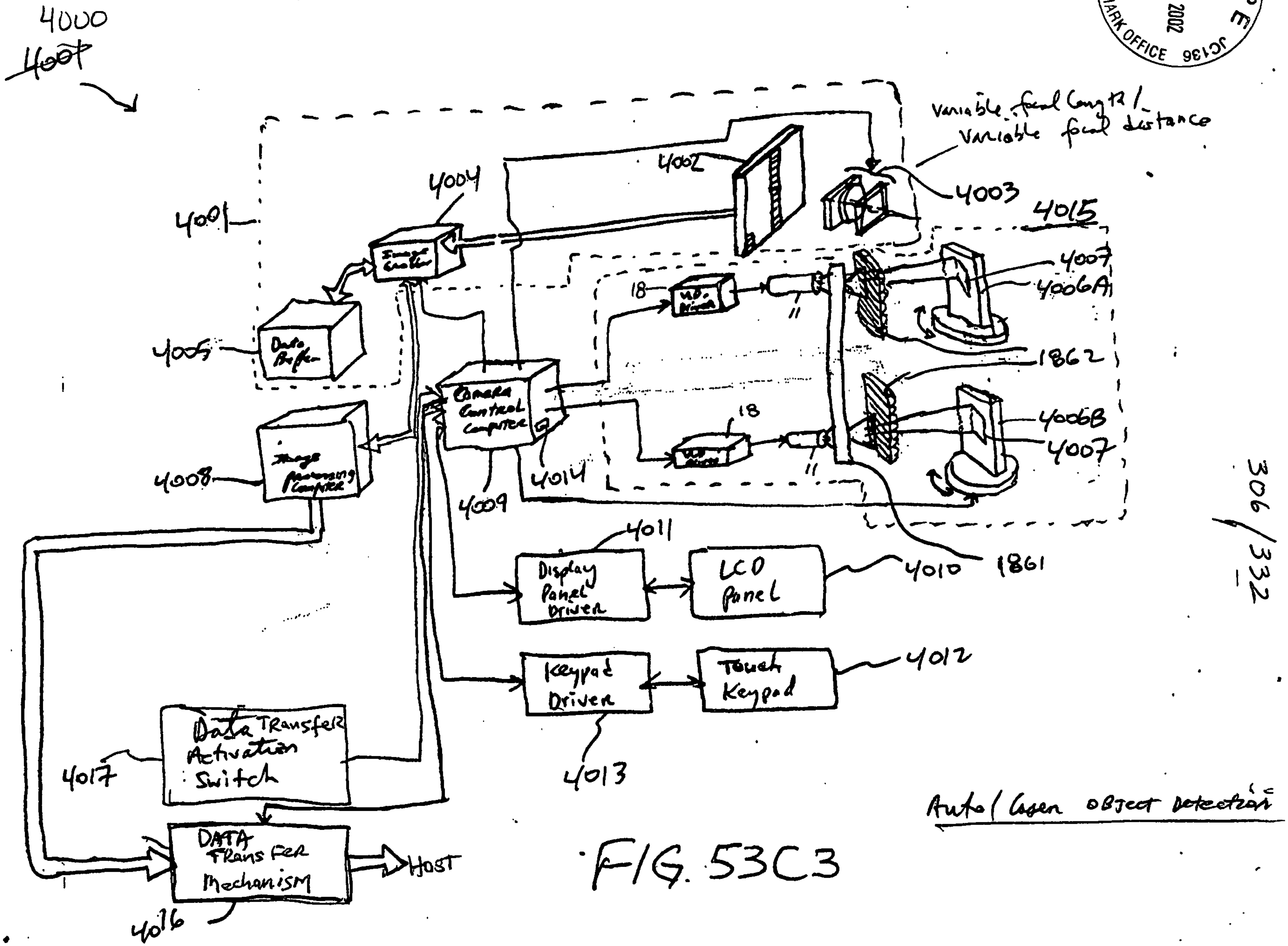


FIG. 53C3

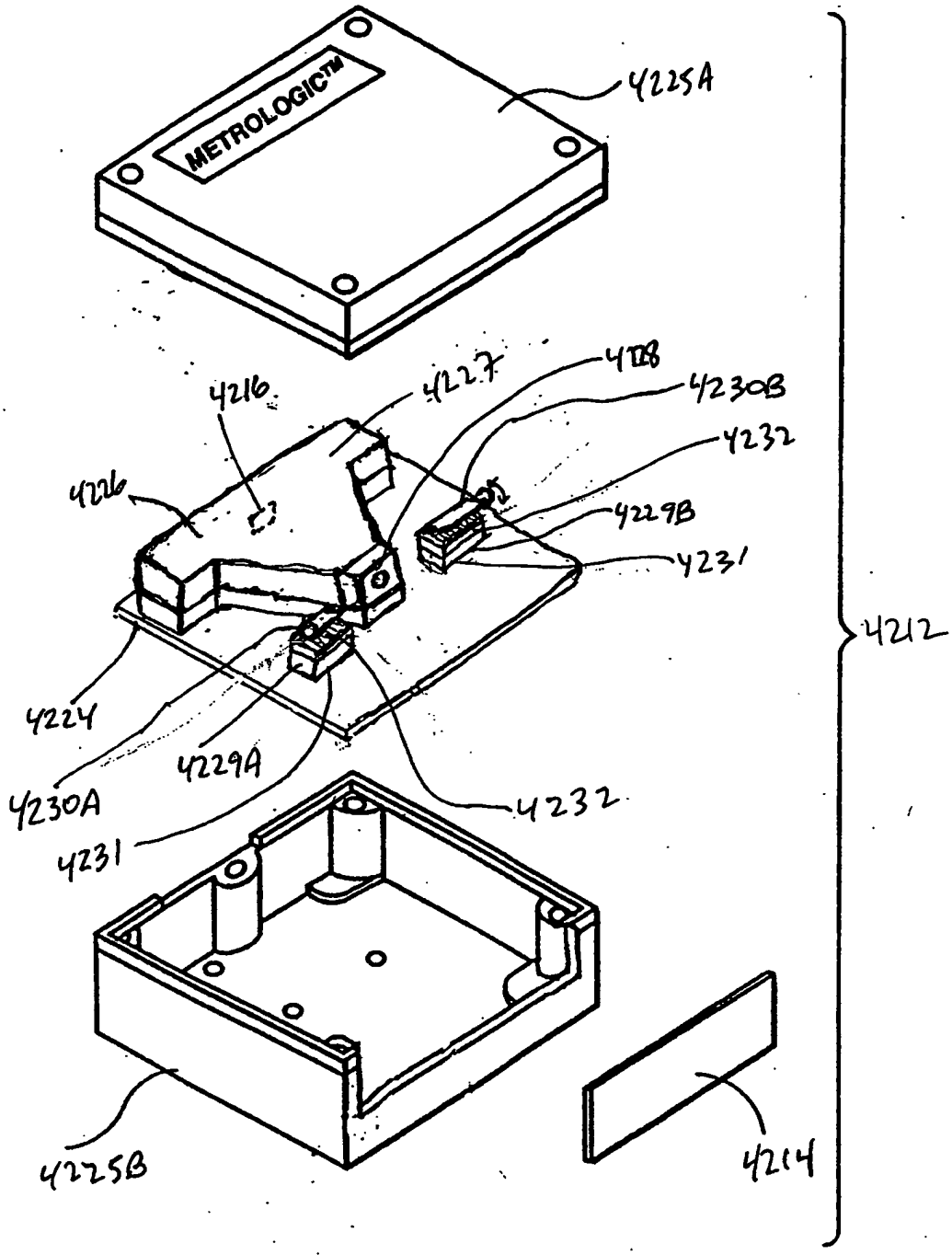


FIG. 59B

MCLD
Fig. 11 15A-15B

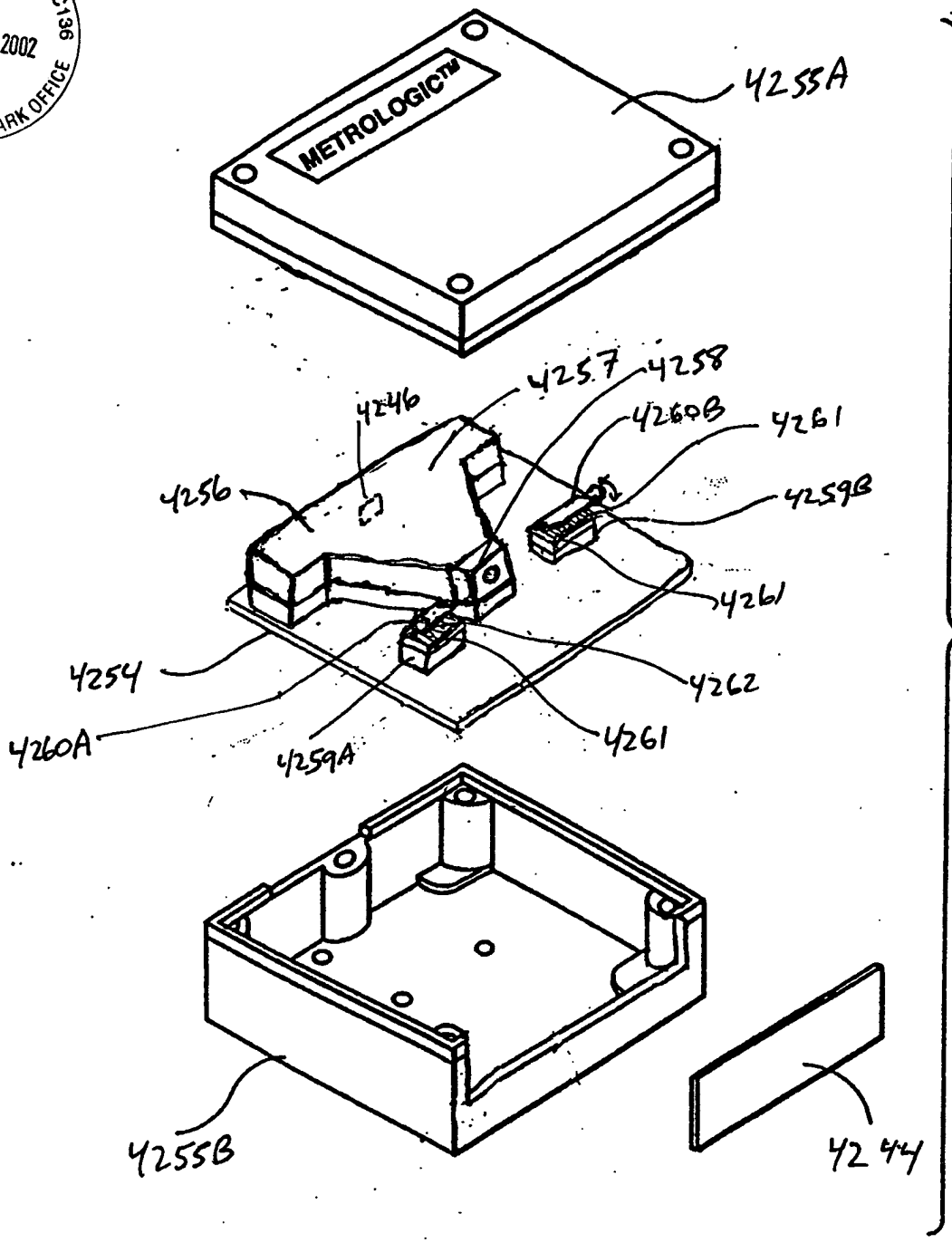


FIG. 60B

Etalon (Temp. phase mod.)
Bfhalon
Fig. 117A-17B

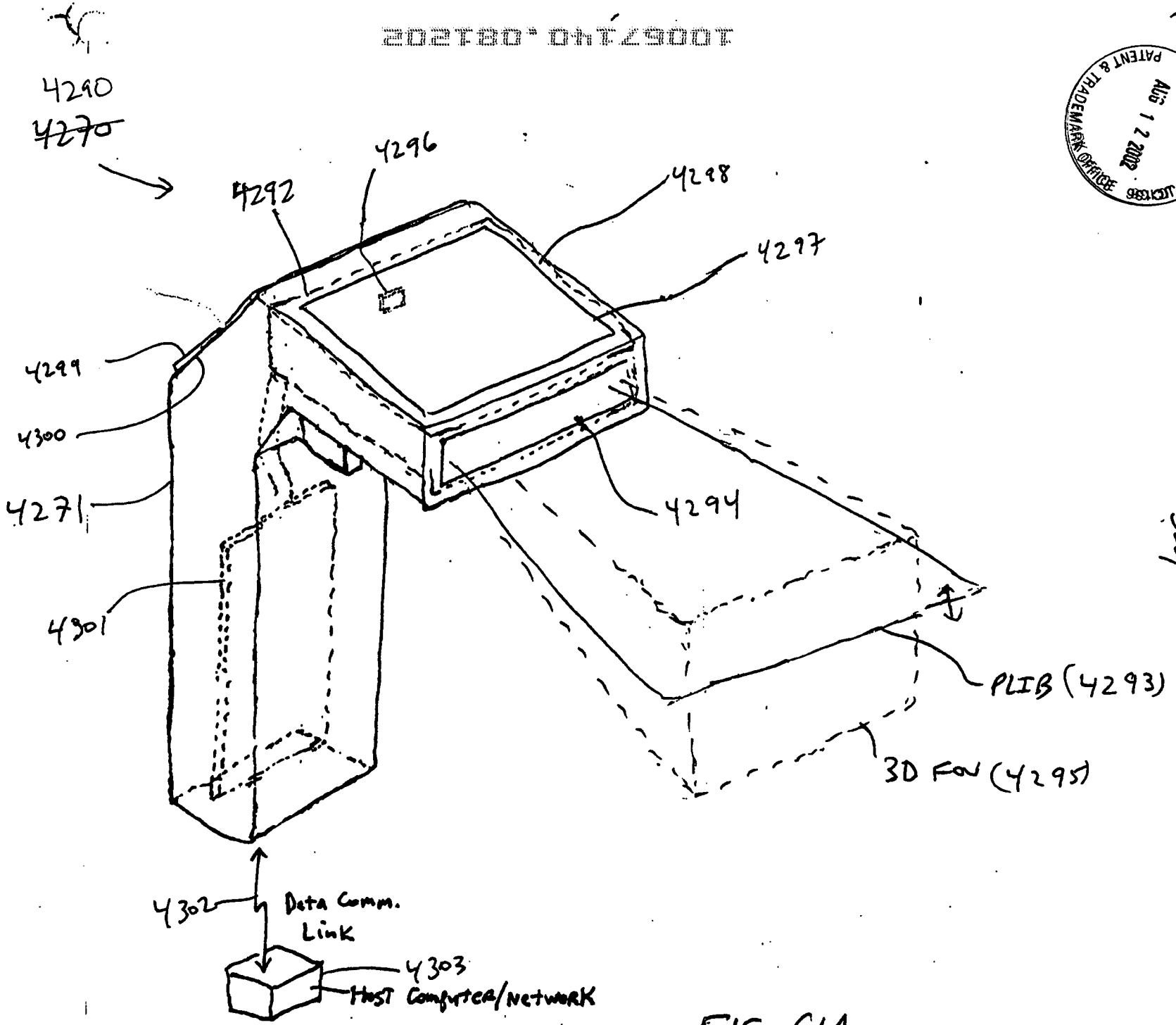


FIG. 61A

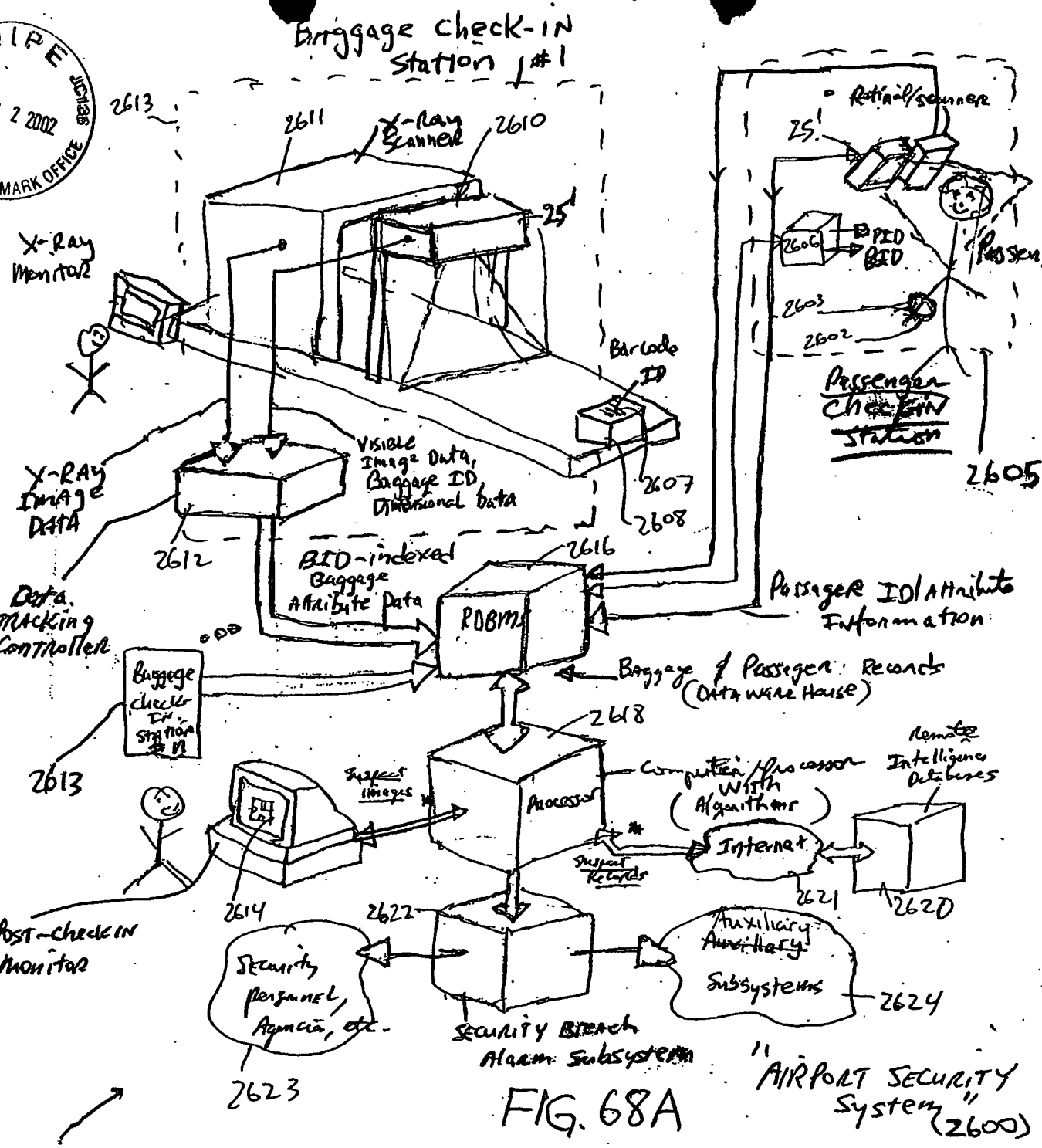


FIG. 68A

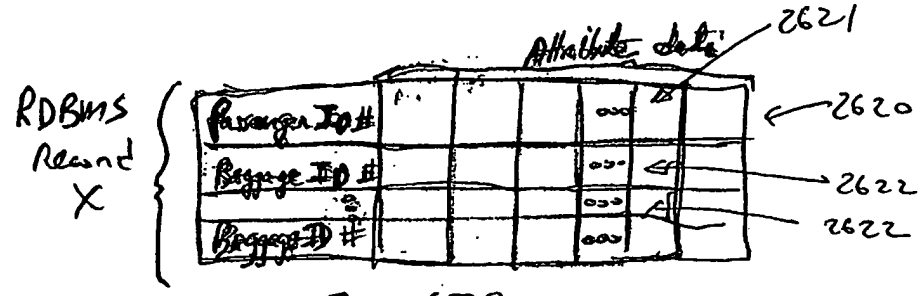


FIG. 68B